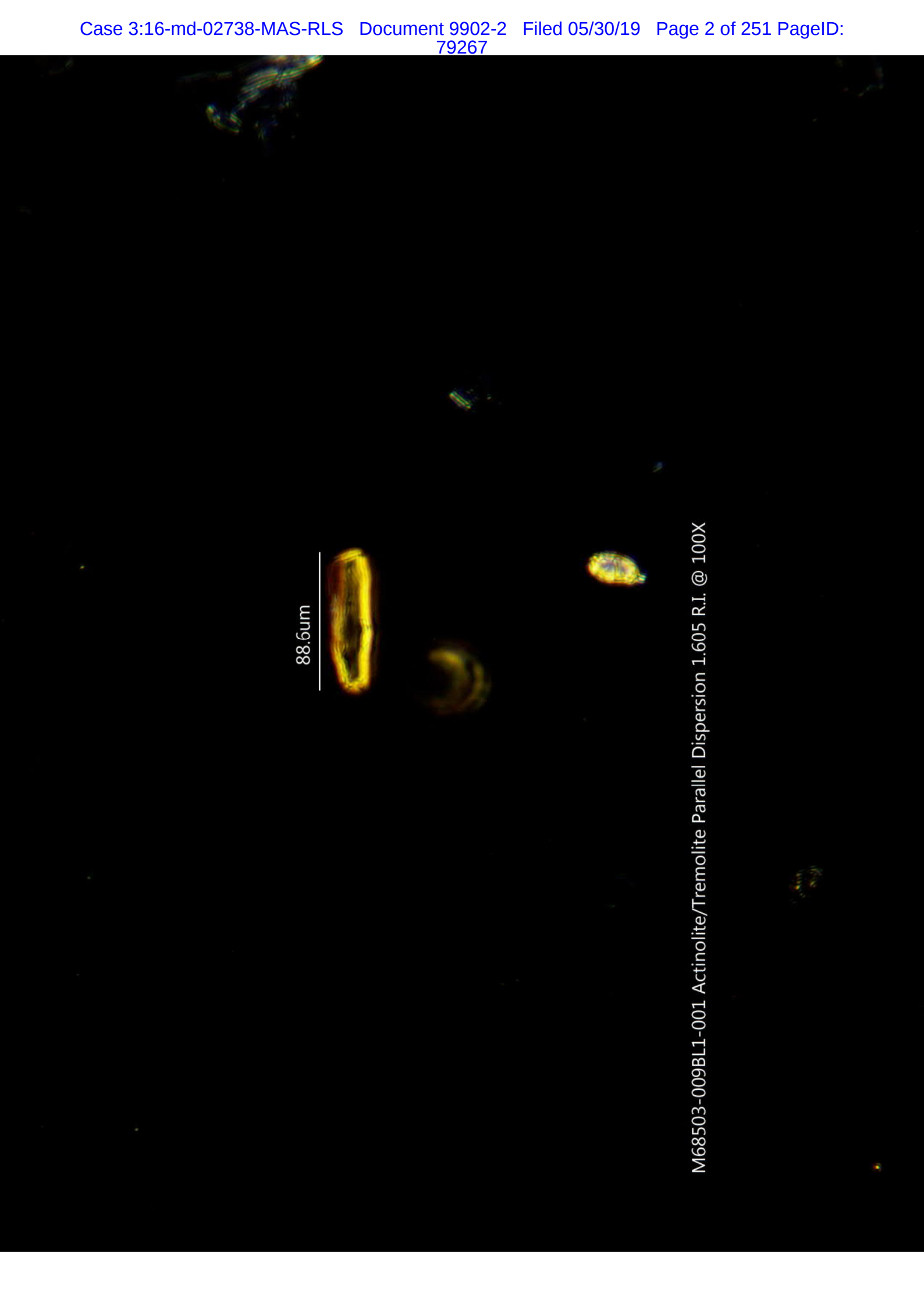


# Exhibit 67-C

88.6um

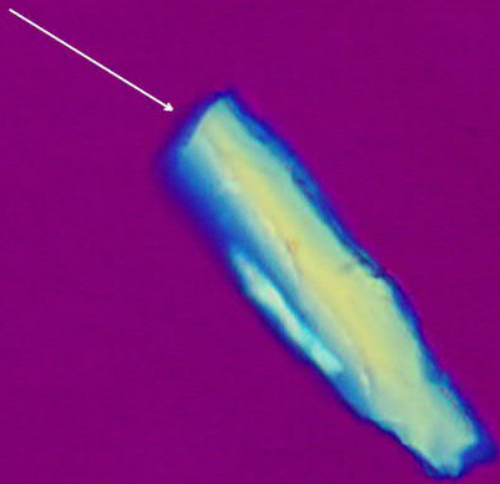


A polarized light micrograph showing several elongated, needle-shaped fibers of Actinolite/Tremolite. The fibers exhibit characteristic birefringence, appearing as bright yellow-orange structures against a dark background. A scale bar labeled '88.6um' is positioned to the left of the central fiber. Other smaller, curved fibers are visible in the upper and lower portions of the field of view.

M68503-009BL1-001 Actinolite/Tremolite Parallel Dispersion 1.605 R.I. @ 100X

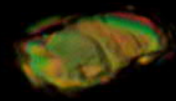


M68503-009BL1-001 Actinolite/Tremolite Perpendicular Dispersion



M68503-009BL1-001 Actinolite/Tremolite Elongation 1.605 @ 200X





M68503-009BL1-001 Actinolite/Tremolite Crossed Polars

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-009		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	10/22/2018 - 10/23/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02066			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
1	B1-A1	Bundle	Tremolite	3.8	0.72	5.3	X	X
NSD	A2							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	F3							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-009		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	10/22/2018 - 10/23/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02066			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	D6-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
2	A7	Bundle	Tremolite	3.5	0.42	8.3	X	X
NSD	A8							
NSD	A9							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	F1							
NSD	F2							
NSD	F4							

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-009		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	10/22/2018 - 10/23/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02066			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

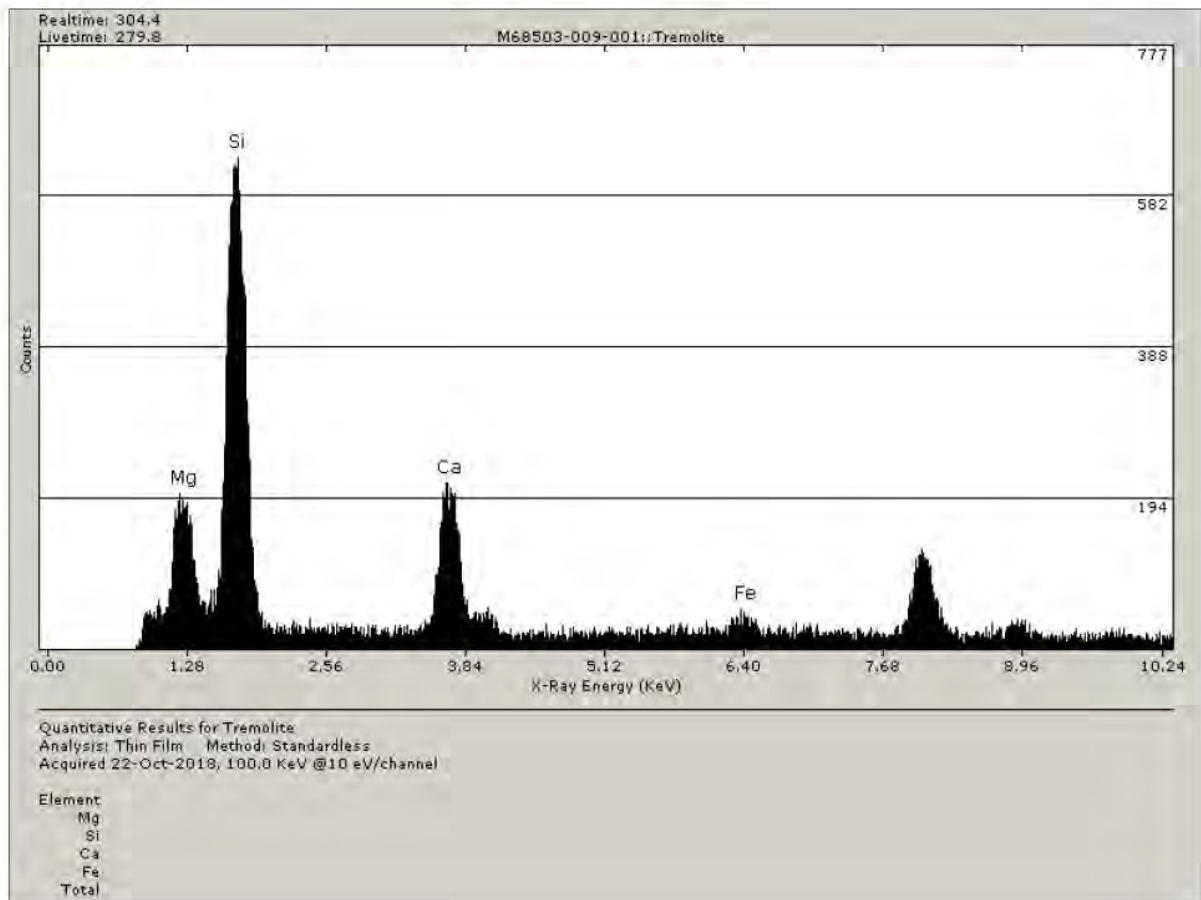
Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
--------	--------------	-----------	------------------	--------	-------	-------	------	-----

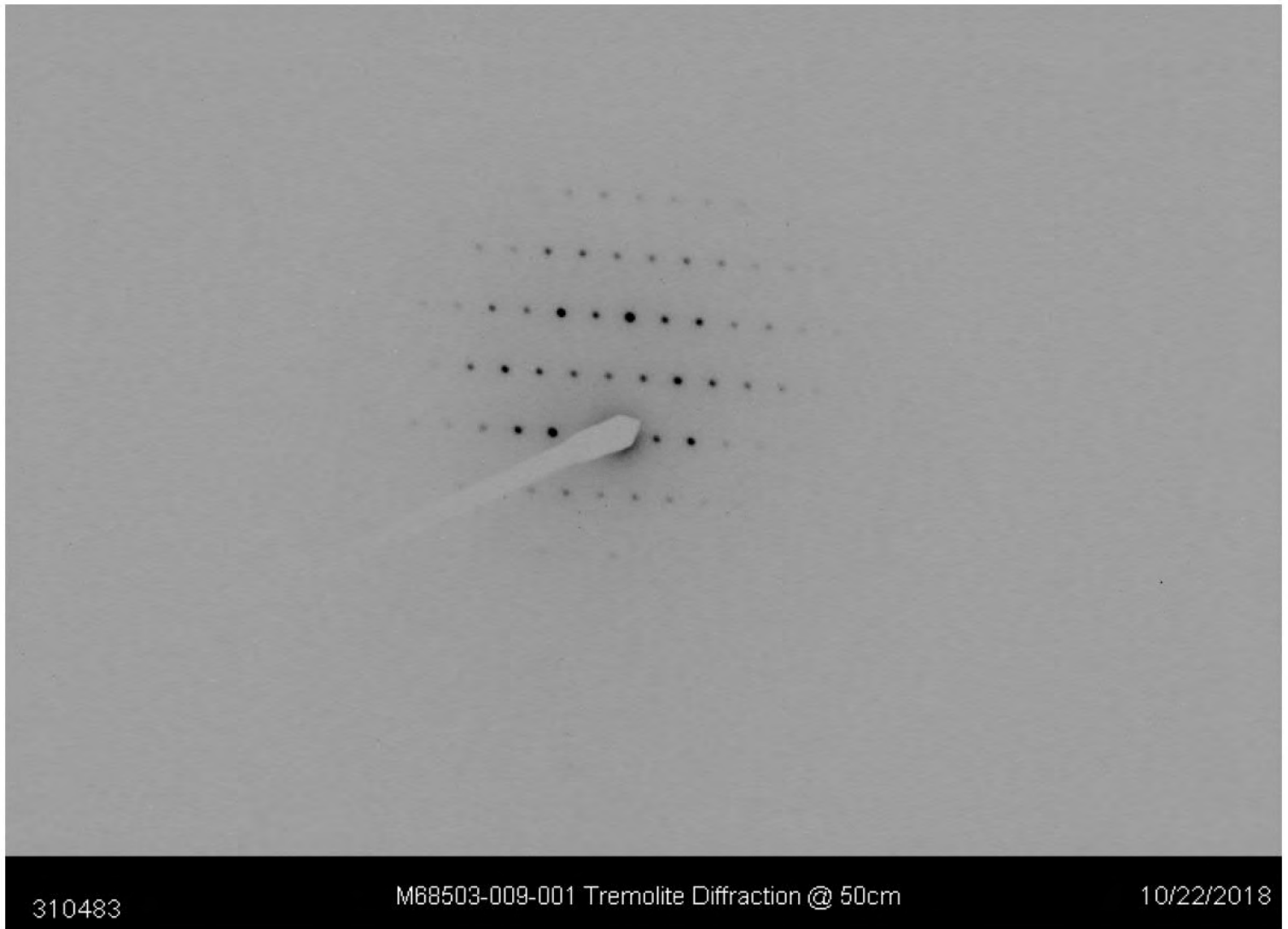
Org. Sample Wt.	Sample Wt.	
	Post HL Separation	
0.02066	0.02066	g
Percent of Orig. Post Separation	100	(%)

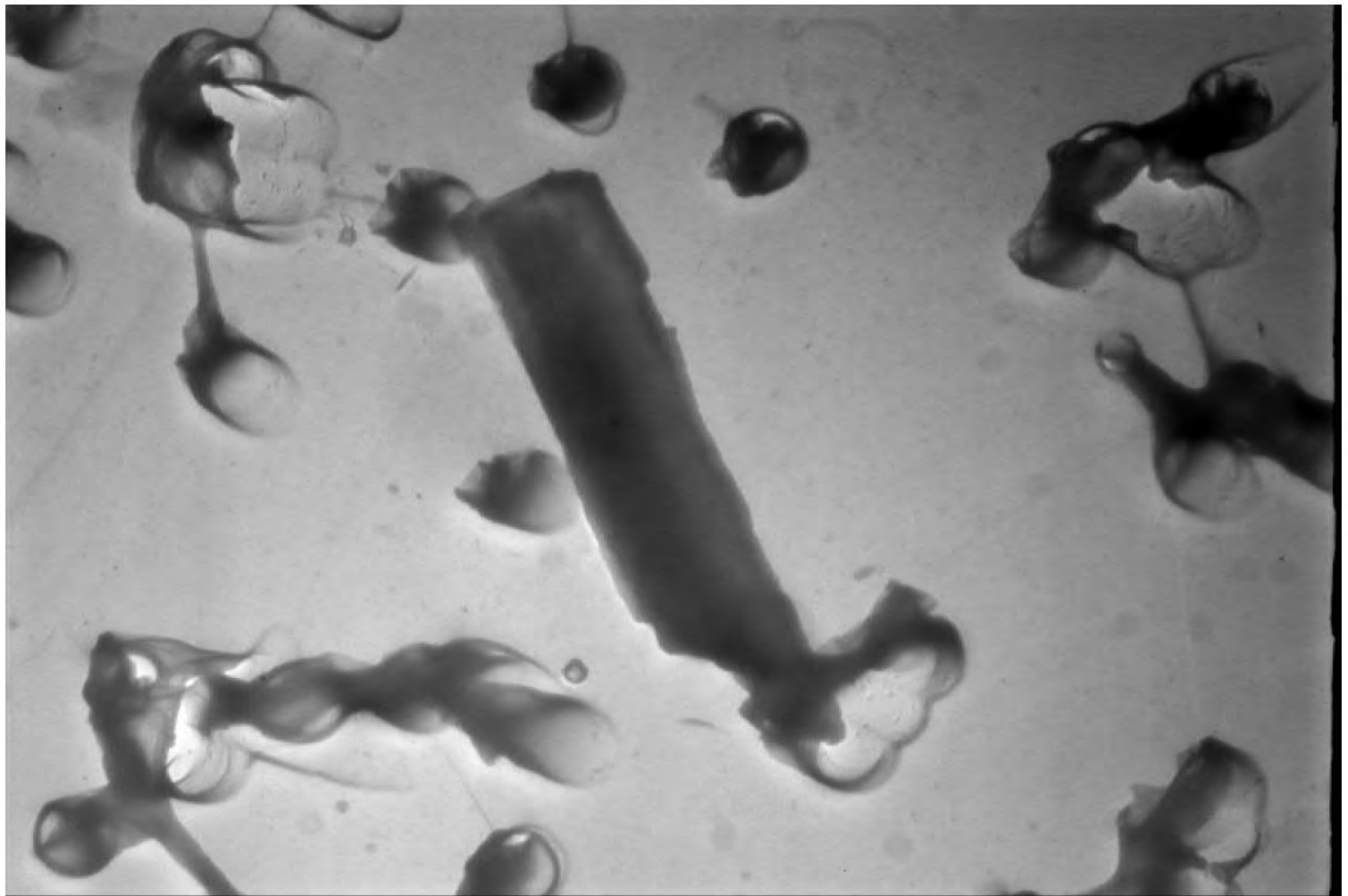
Wt. Of Sample Analyzed Filter size Number of Structures Counted <b>Structures per Gram of Sample</b>	0.00011327		g
	201.1		mm²
	2		Str.
	1.77E+04		Str./g

Detection Limit	8.83E+03	Str./g
Analytical Sensitivity	8.83E+03	Str./g





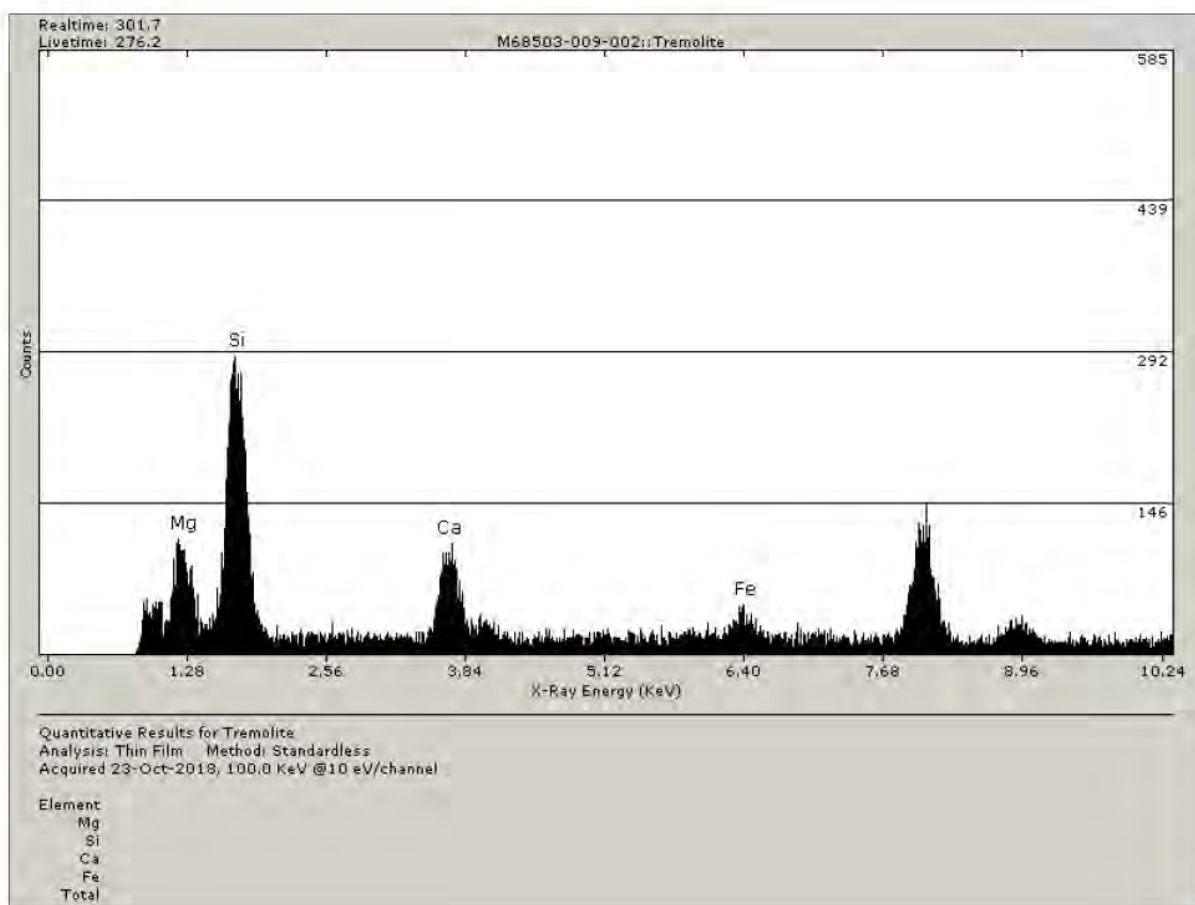




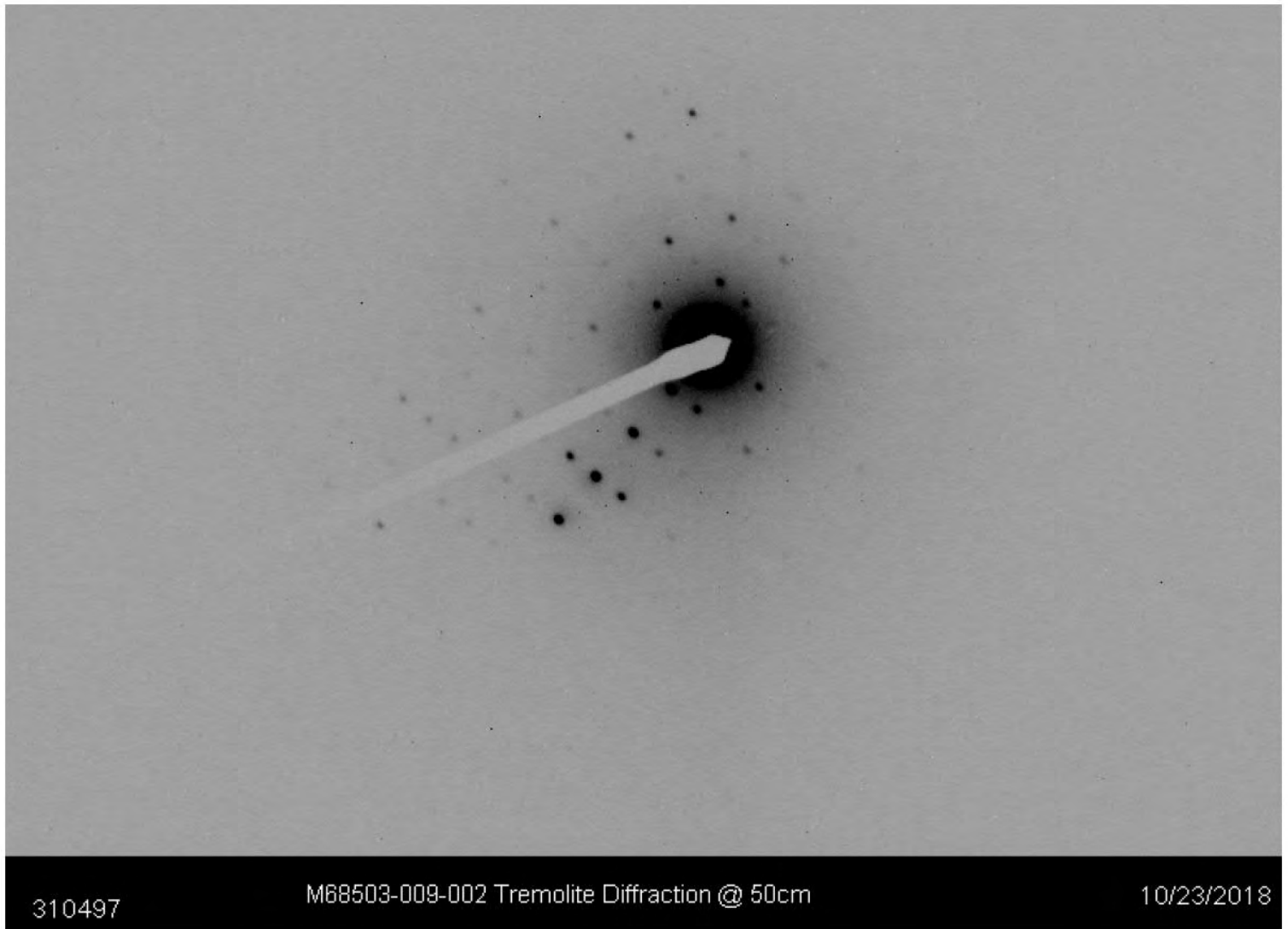
310484

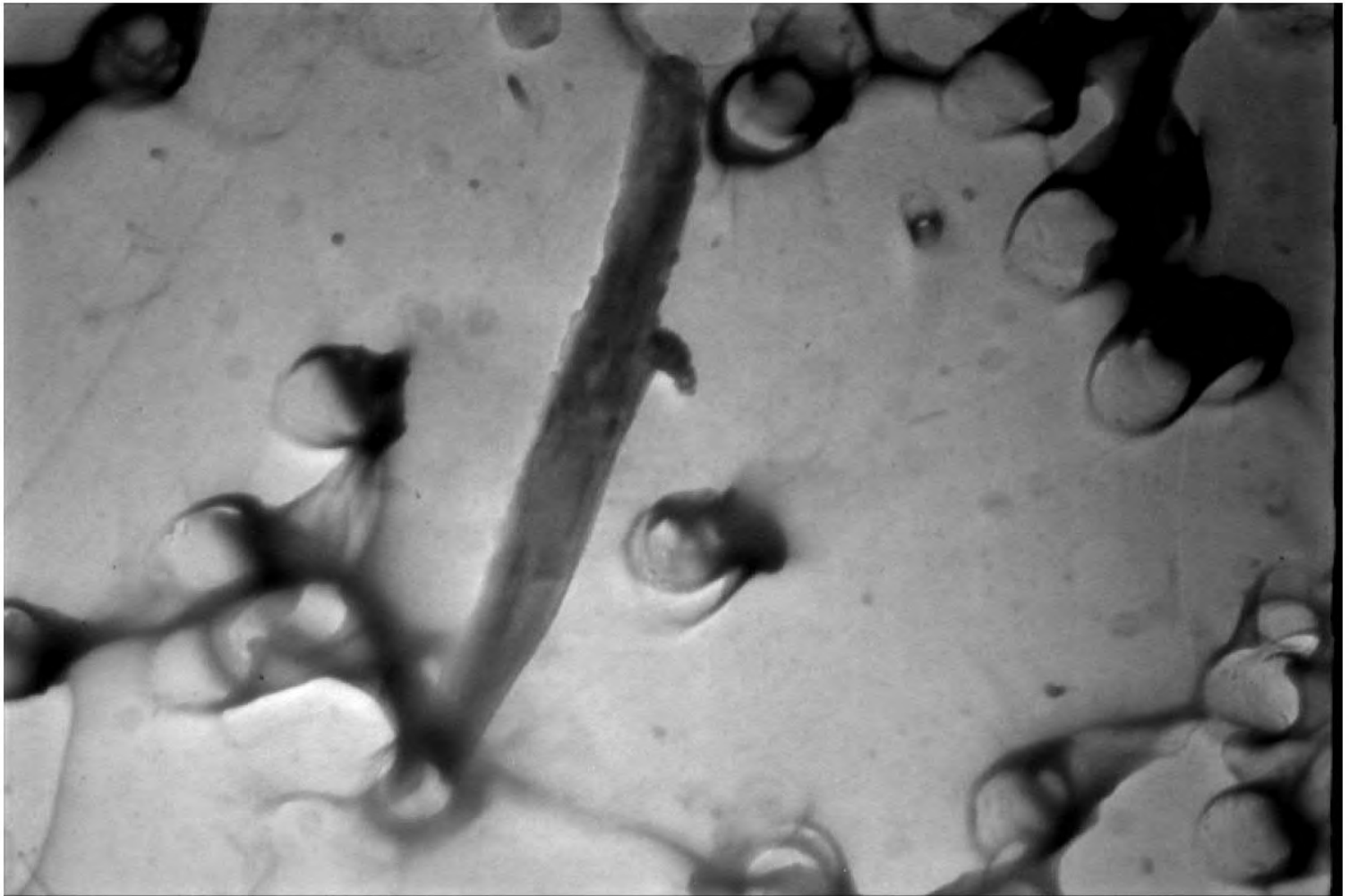
M68503-009-001 Tremolite ( 3.8 um x 0.72 um )

10/22/2018









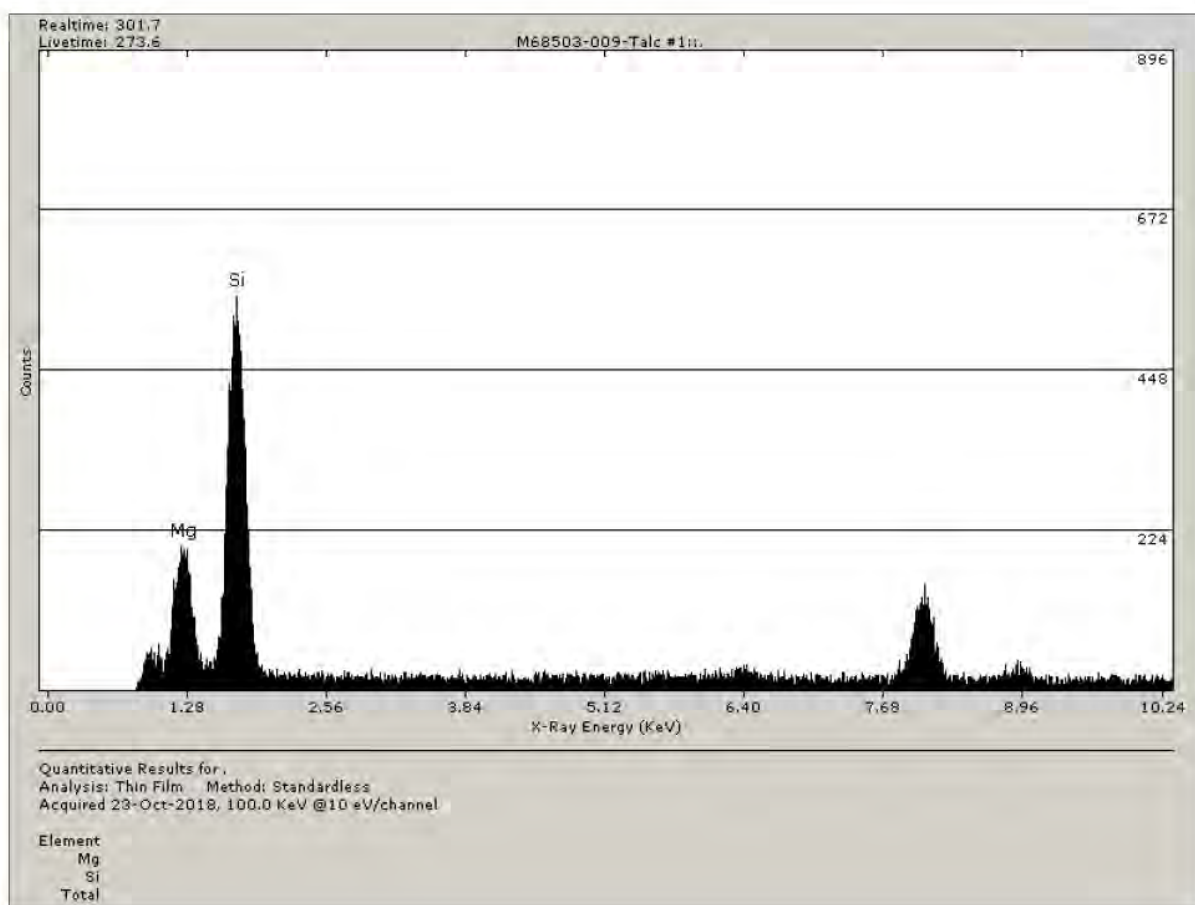
310502

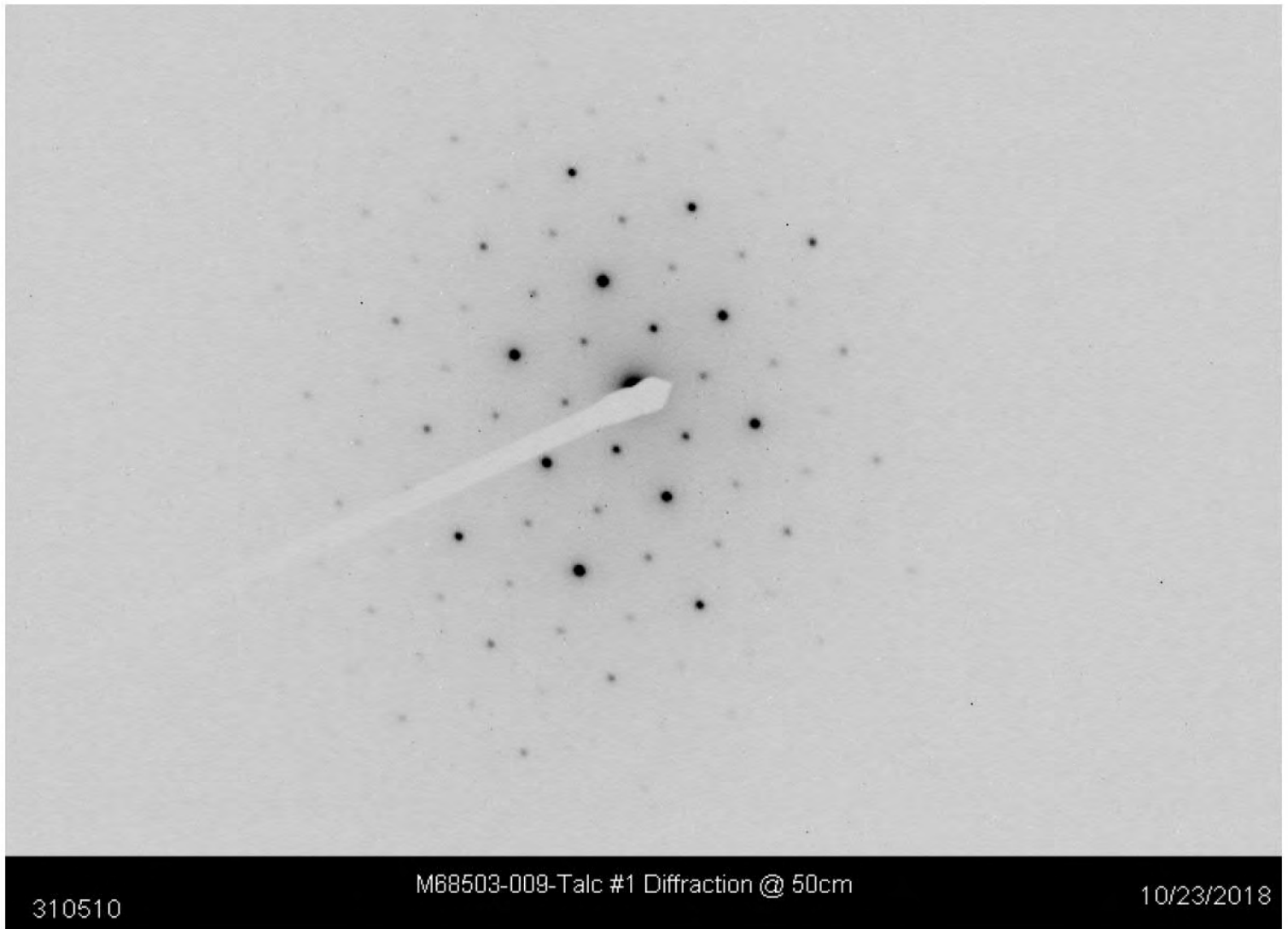
M68503-009-002 Tremolite ( 3.5  $\mu\text{m}$   $\times$  0.42  $\mu\text{m}$  )

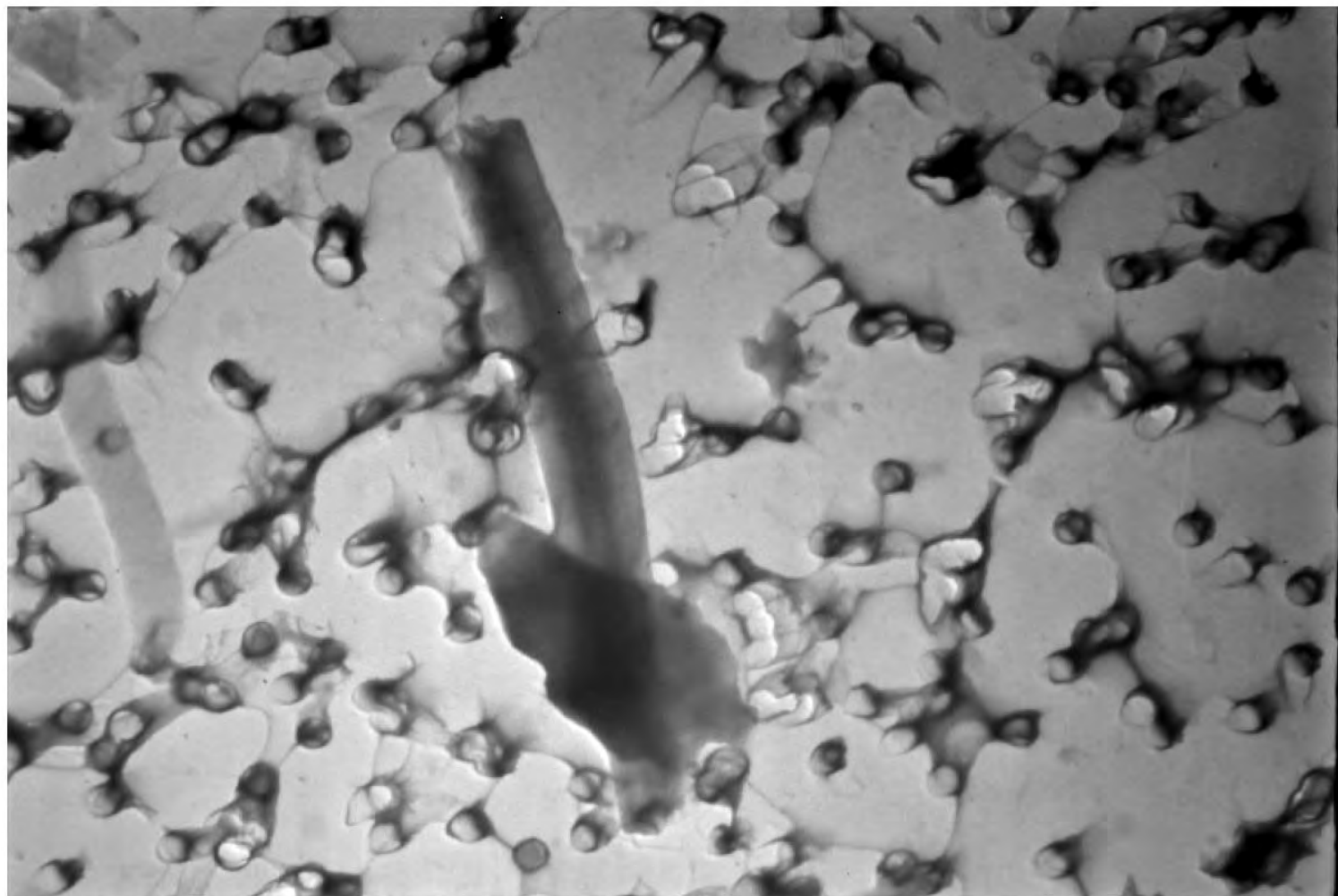
10/23/2018

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-009		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G.O. Area
Date of Analysis	10/22/2018 - 10/23/2018		G. O. in microns =	105	105	105
Initial Weight(g)	0.02066			105	105	105
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
Talc 1	D6-B6	Fibrous Talc	10.9	1.5	7.3	Fibrous talc observed	
						Trace throughout	







310513

M68503-009-Talc #1 ( 10.9 um x 1.5 um )

10/23/2018

## **Section 5**



**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M68503 - 024ISO **Analyst** Paul Hess **Date** 10/28/2018  
**ClientName** Dept 14 Environmental **ClientSpl** 2018-0060-76A  
**Location** \_\_\_\_\_  
**Type\_Mat** New Johnson's Baby Powder  
**Gross** Off-white powder **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

Morphology			
Pleochroism			
Refract Index			
Sign^			
Extinction			
Birefringence			
Melt			
Fiber Name			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
Amosite.....  
Crocidolite.....  
Tremolite/Actinolite.....  
Anthophyllite.....

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**OTHER FIBROUS COMPONENTS**

Talc -B/Y DS in 1.55  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\*\*\*  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NON FIBROUS COMPONENTS**

\_\_\_\_\_  
Opagues  
\_\_\_\_\_  
Talc  
\_\_\_\_\_  
Mineral grains  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
X  
\_\_\_\_\_  
X  
\_\_\_\_\_  
X  
\_\_\_\_\_  
\_\_\_\_\_

**Binder Description** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Comments** X = Materials detected. \*\*\* Trace amount of fibrous Talc observed.  
\_\_\_\_\_  
\_\_\_\_\_

The method detection limit is 1% unless otherwise stated.



**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M68503 - 024BL1 **Analyst** Paul Hess **Date** 10/22/2018  
**ClientName** Dept 14 Environmental **ClientSpl** 2018-0060-76A  
**Location** \_\_\_\_\_  
**Type\_Mat** New Johnson's Baby Powder (60mg prep)  
**Gross** White debris on slide **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

Morphology			
Pleochroism			
Refract Index			
Sign^			
Extinction			
Birefringence			
Melt			
Fiber Name			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

\_\_\_\_\_  
 Opaques \_\_\_\_\_ X  
 Talc \_\_\_\_\_ X  
 Mineral grains \_\_\_\_\_ X  
 \_\_\_\_\_

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** Actinolite/Tremolite cleavage fragments/particles exhibiting <3-1 length to width ratio observed. X = Materials detected.

The method detection limit is 1% unless otherwise stated.

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-024		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Mehrddad Motamedi			Length	Width	G. O. Area
Date of Analysis	10/27/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02033			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
4	Screen Magnification	20 KX	Area Examined mm <sup>2</sup>			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	E2-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-024		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Mehrddad Motamedi			Length	Width	G. O. Area
Date of Analysis	10/27/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02033			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
4	Screen Magnification	20 KX	Area Examined mm <sup>2</sup>			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	E3-C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							
NSD	G1							
NSD	G2							
NSD	G3							
NSD	G4							
NSD	G5							
NSD	G6							
NSD	G7							
NSD	G8							
NSD	G9							
NSD	G10							



TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-024		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Mehrdad Motamedi			Length	Width	G. O. Area
Date of Analysis	10/27/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02033			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
4	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
--------	--------------	-----------	------------------	--------	-------	-------	------	-----

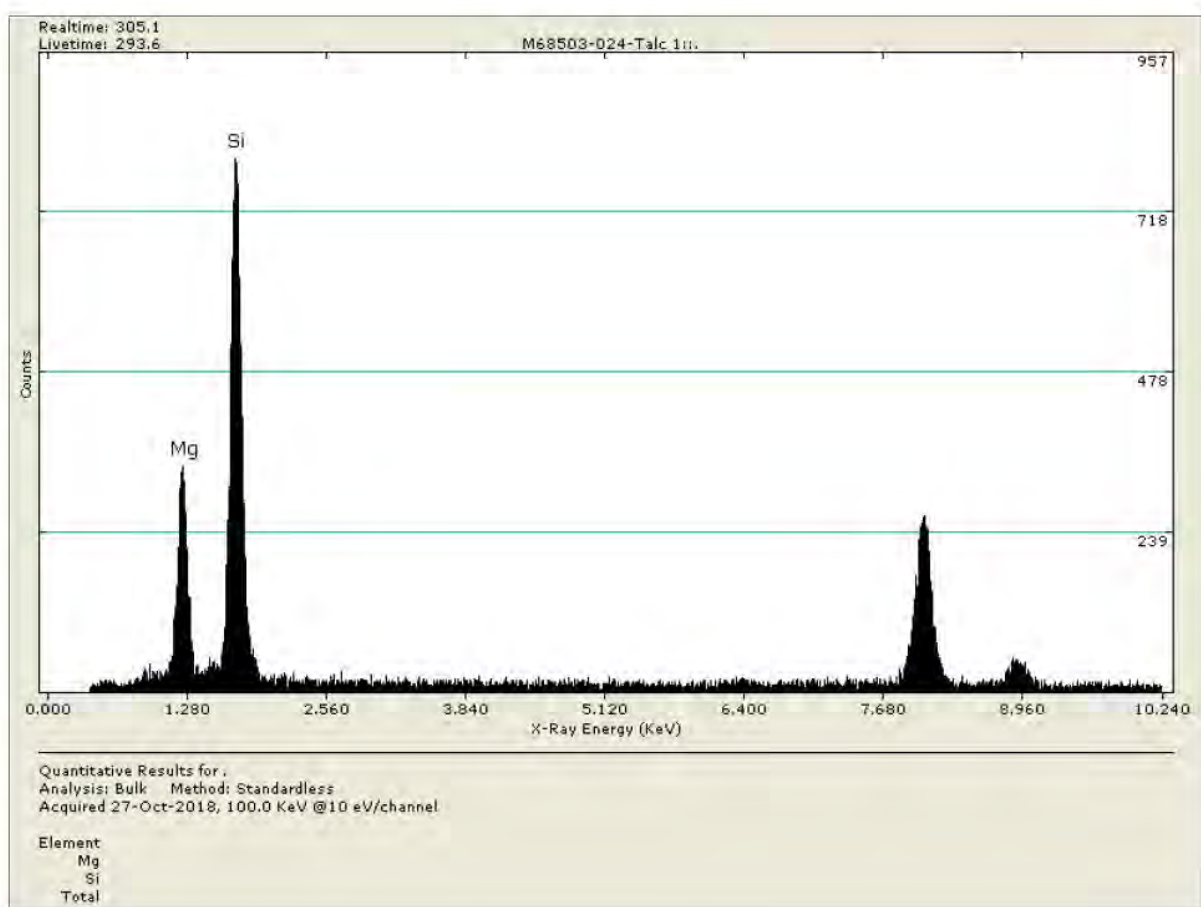
Org. Sample Wt.	Sample Wt. Post HL Separation
0.02033	0.02033 g
Percent of Orig. Post Separation	100 (%)

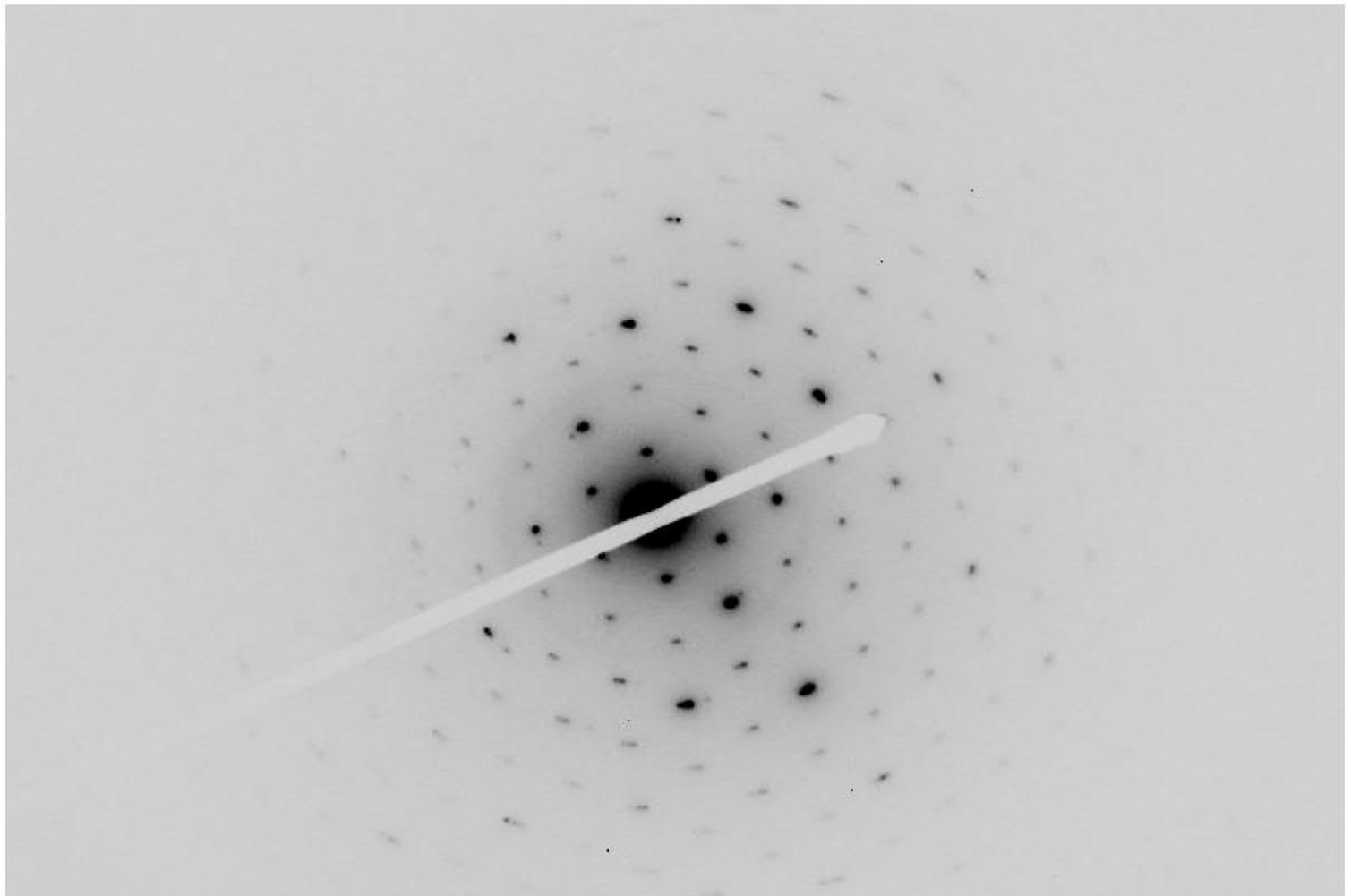
Wt. Of Sample Analyzed	0.00011146 g
Filter size	201.1 mm²
Number of Structures Counted	0 Str.
Structures per Gram of Sample	<8972 Str./g

Detection Limit	8.97E+03	Str./g
Analytical Sensitivity	8.97E+03	Str./g

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-024		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Mehrdad Motamedi			Length	Width	G.O. Area
Date of Analysis	10/27/2018		G. O. in microns =	105	105	105
Initial Weight(g)	0.02033			105	105	105
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
4	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
Talc 1	E2-B1	Fibrous Talc	10	0.7	14.3	Fibrous Talc Observed Trace throughout	

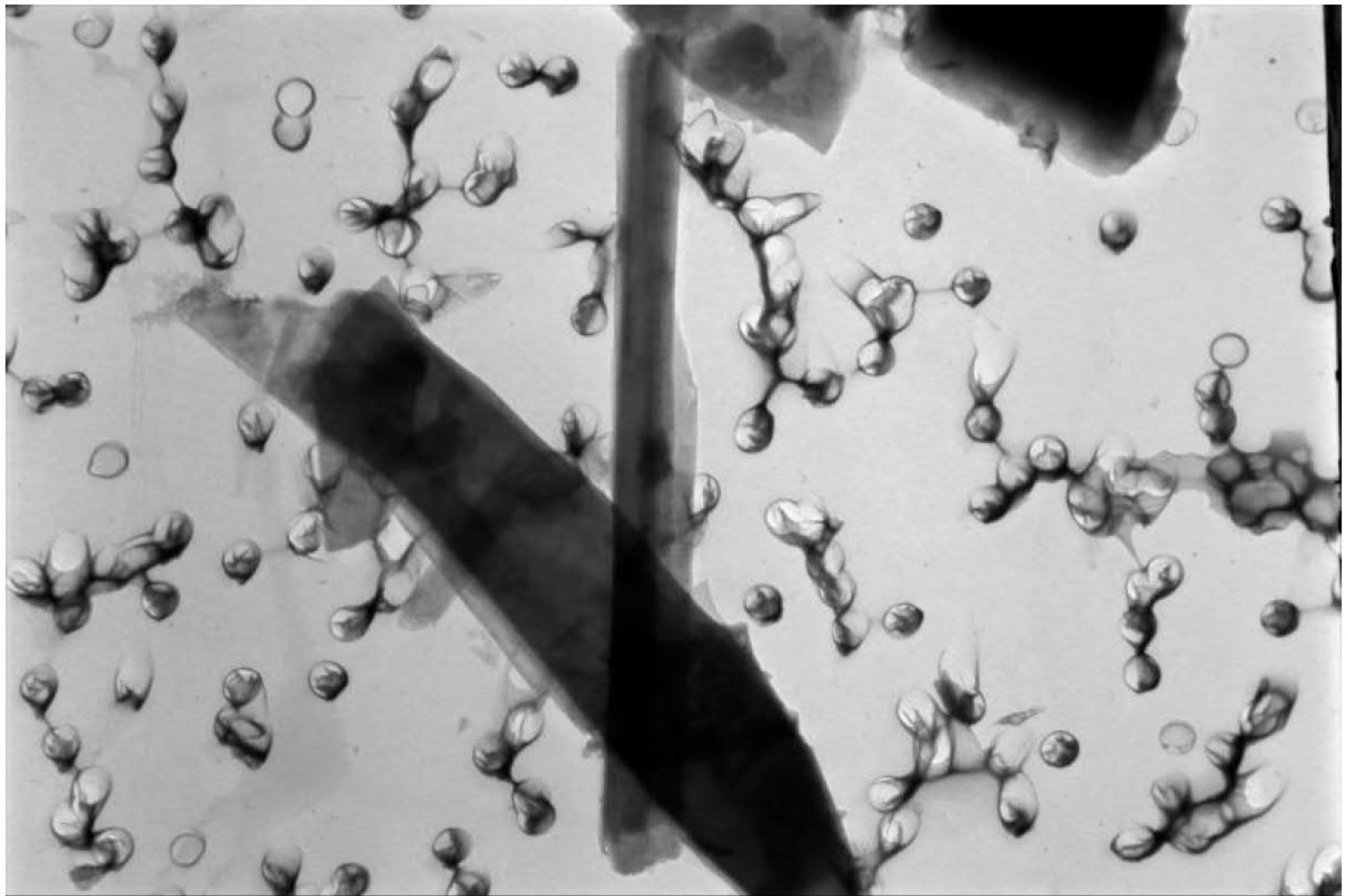




41345

M68503-024-Talc 1 Diffraction @ 50cm

10/27/2018



41346

M68503-024-Talc 1 ( 10.0um x 0.7um )

10/27/2018



## **Section 6**

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M68503 - 004ISO **Analyst** Paul Hess **Date** 10/28/2018  
**ClientName** Dept 14 Environmental **ClientSpl** 2018-0056-25A  
**Location** \_\_\_\_\_  
**Type\_Mat** New Johnson's Baby Powder  
**Gross** Off-white powder **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

<b>Morphology</b>	straight		
<b>Pleochroism</b>	none		
<b>Refract Index</b>	1.635/1.618		
<b>Sign^</b>	positive		
<b>Extinction</b>	oblique		
<b>Birefringence</b>	medium		
<b>Melt</b>	no		
<b>Fiber Name</b>	Actinolite/Tremolite		

**ASBESTOS MINERALS**

**EST. VOL. %**

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite..... <0.1  
 Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

Talc -B/Y DS in 1.55 \*\*\*  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

Opagues X  
 Talc X  
 Mineral grains X  
 \_\_\_\_\_

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** Actinolite/Tremolite asbestos observed. Actinolite/Tremolite cleavage fragments/particles exhibiting <3-1 length-width ratio observed. \*\*\* Trace amount of fibrous Talc observed. X = Materials detected.

The method detection limit is 1% unless otherwise stated.

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M68503 - 004BL1 **Analyst** Paul Hess **Date** 10/22/2018  
**ClientName** Dept 14 Environmental **ClientSpl** 2018-0056-25A  
**Location** \_\_\_\_\_  
**Type\_Mat** New Johnson's Baby Powder (60mg prep)  
**Gross** White debris on slide **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

Morphology			
Pleochroism			
Refract Index			
Sign^			
Extinction			
Birefringence			
Melt			
Fiber Name			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

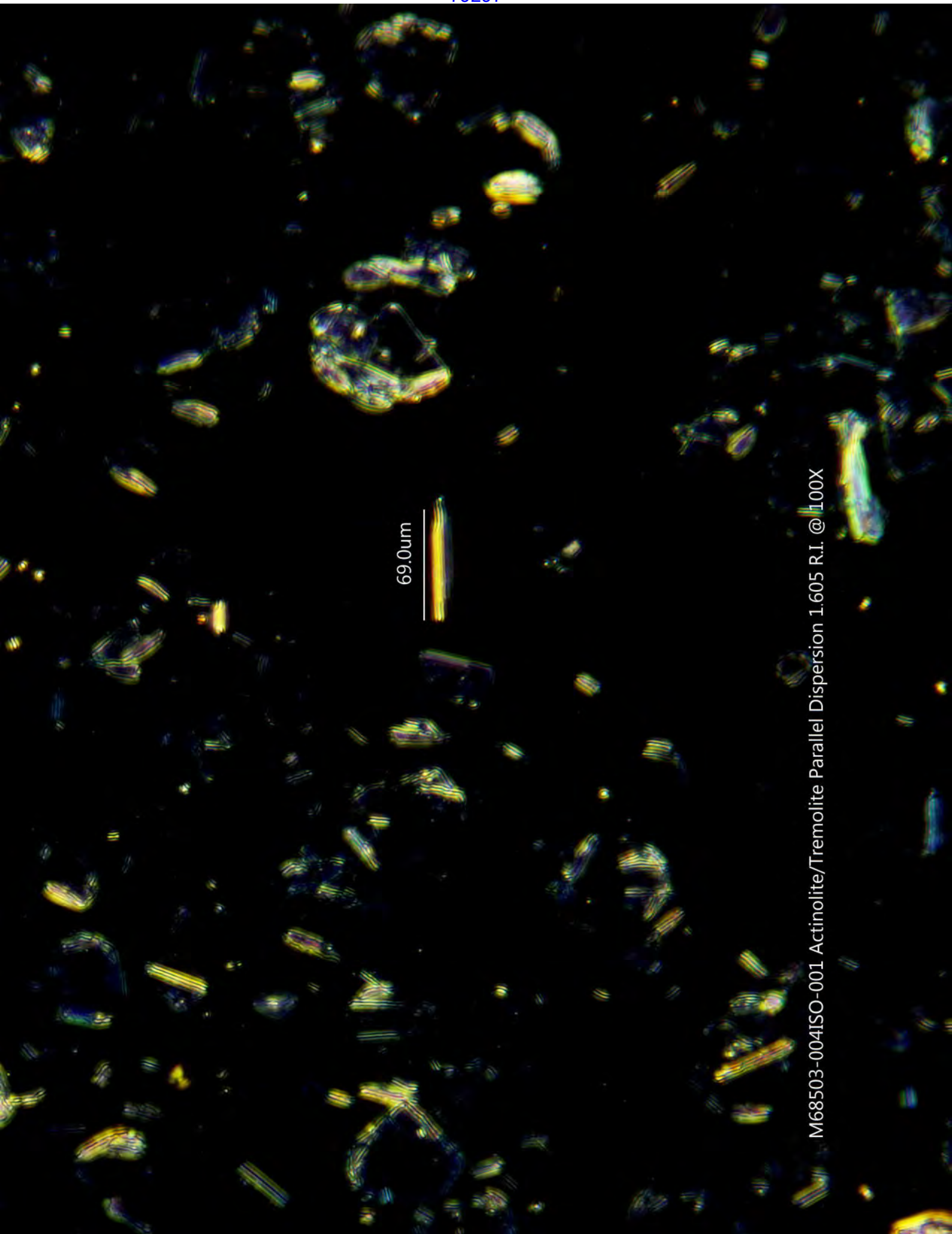
**NON FIBROUS COMPONENTS**

\_\_\_\_\_  
 Opaques \_\_\_\_\_ X  
 Talc \_\_\_\_\_ X  
 Mineral grains \_\_\_\_\_ X  
 \_\_\_\_\_

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected.  
 \_\_\_\_\_  
 \_\_\_\_\_

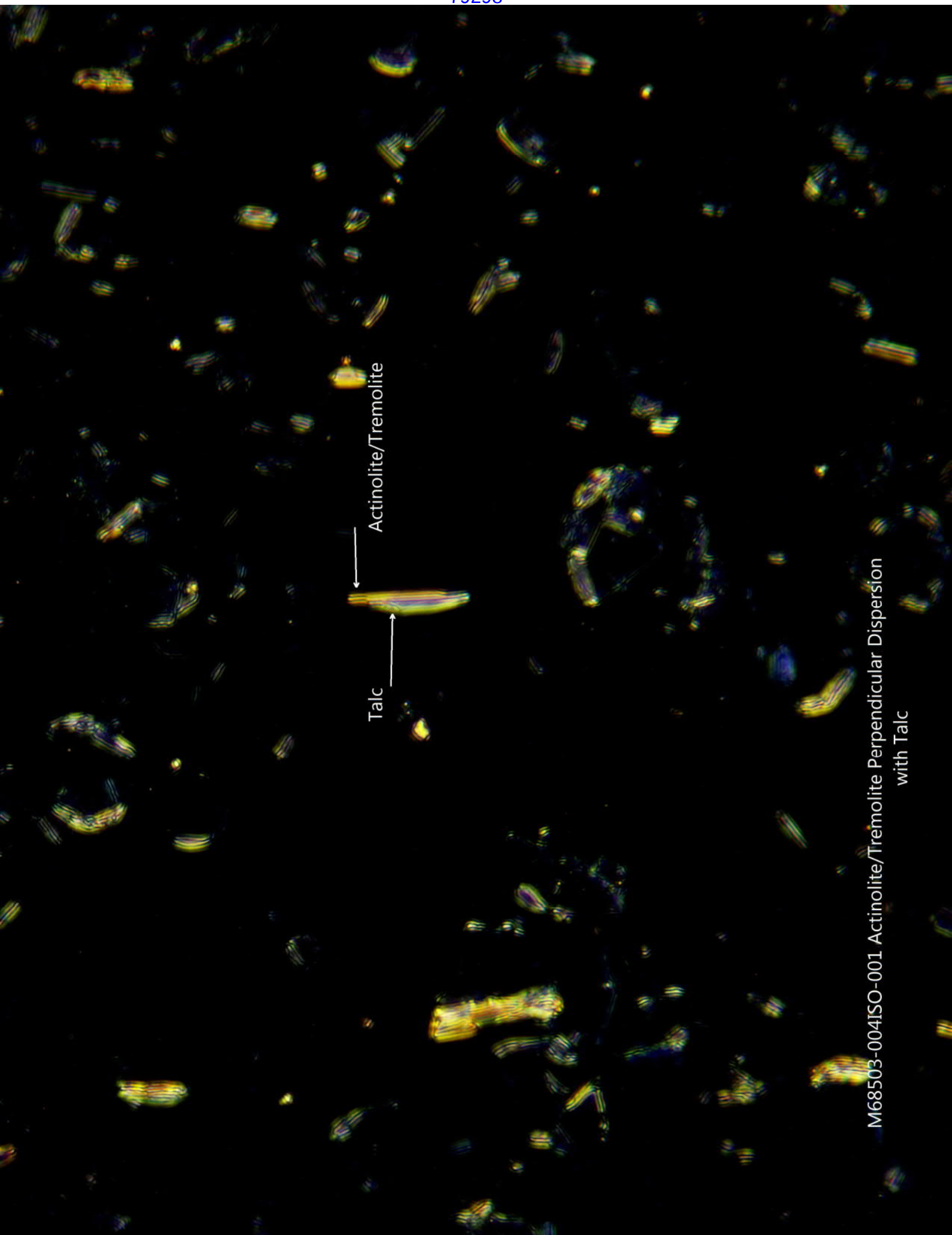
The method detection limit is 1% unless otherwise stated.



69.0um

M68503-004ISO-001 Actinolite/Tremolite Parallel Dispersion 1.605 R.I. @ 100X





M68503-004ISO-001 Actinolite/Tremolite Perpendicular Dispersion  
with Talc



M68503-004ISO-001 Actinolite/Tremolite Elongation @ 200X



M68503-004ISO-001 Actinolite/Tremolite Crossed Polars



TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-004		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	11/1/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.06100			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm <sup>2</sup>			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	D10-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							



TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-004		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	11/1/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.06100			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm <sup>2</sup>			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	D9-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	F1							
NSD	F2							

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-004		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	11/1/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.06100			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
--------	--------------	-----------	------------------	--------	-------	-------	------	-----

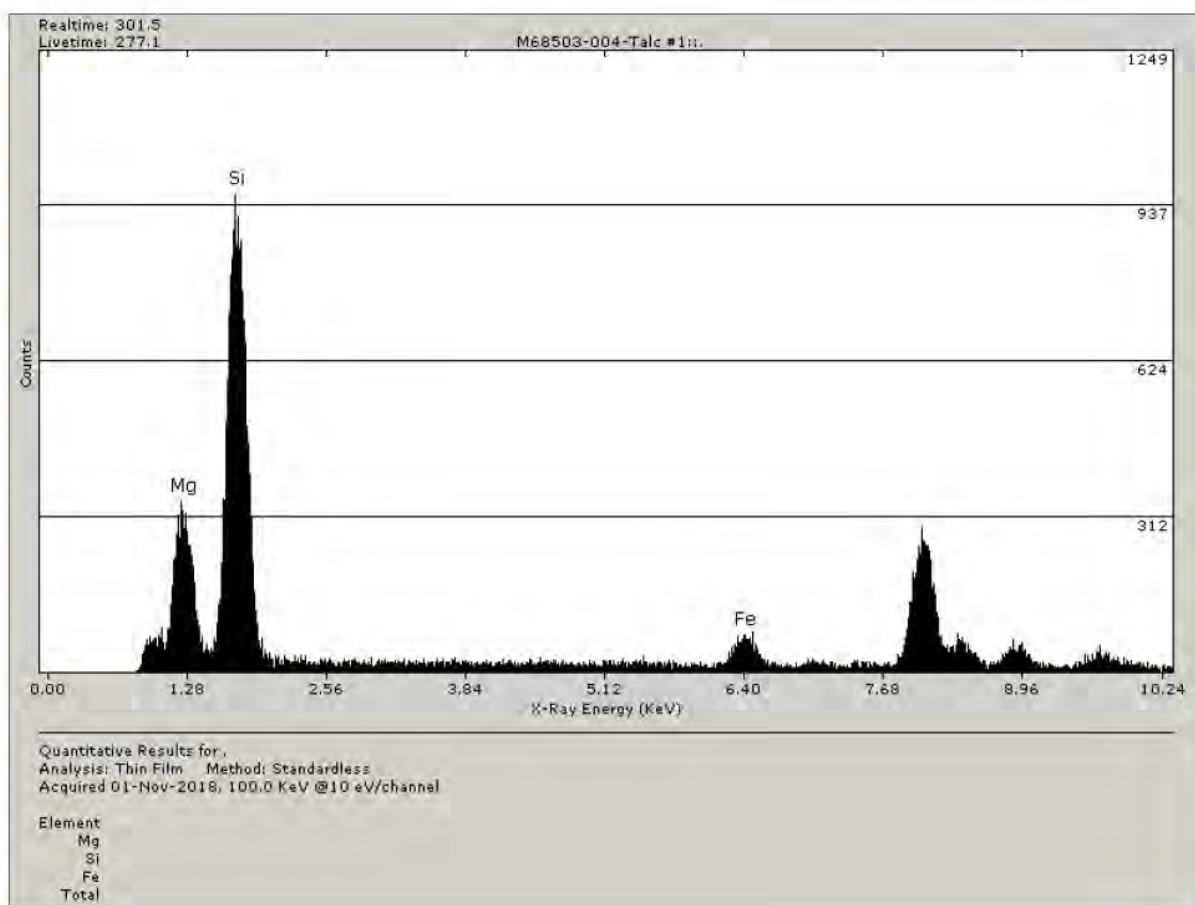
Org. Sample Wt.	Sample Wt. Post HL Separation
0.06100	0.06100 g
Percent of Orig. Post Separation	100 (%)

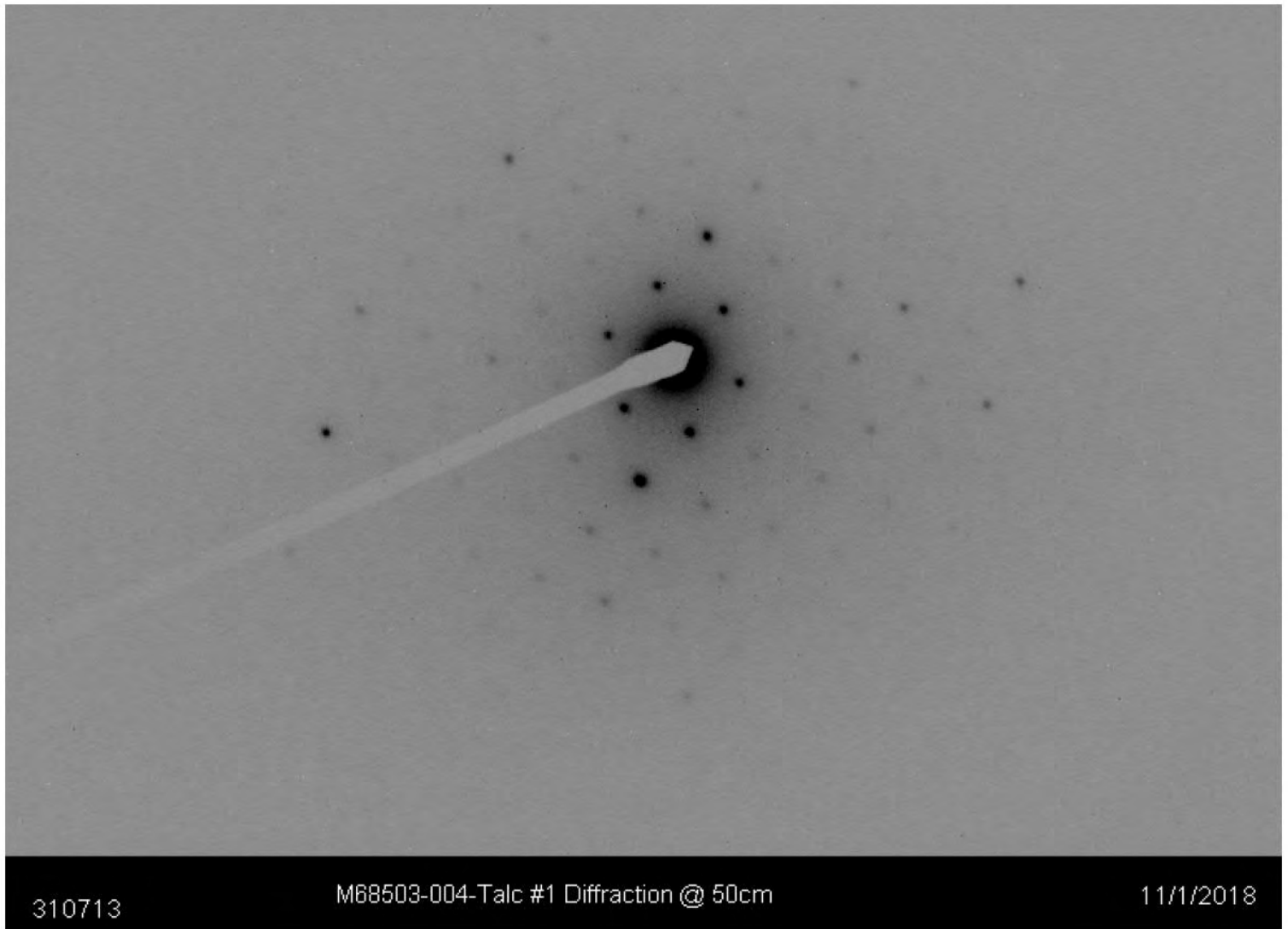
Wt. Of Sample Analyzed	0.00033442 g
Filter size	201.1 mm²
Number of Structures Counted	0 Str.
Structures per Gram of Sample	<2990 Str./g

Detection Limit	2.99E+03 Str./g
Analytical Sensitivity	2.99E+03 Str./g

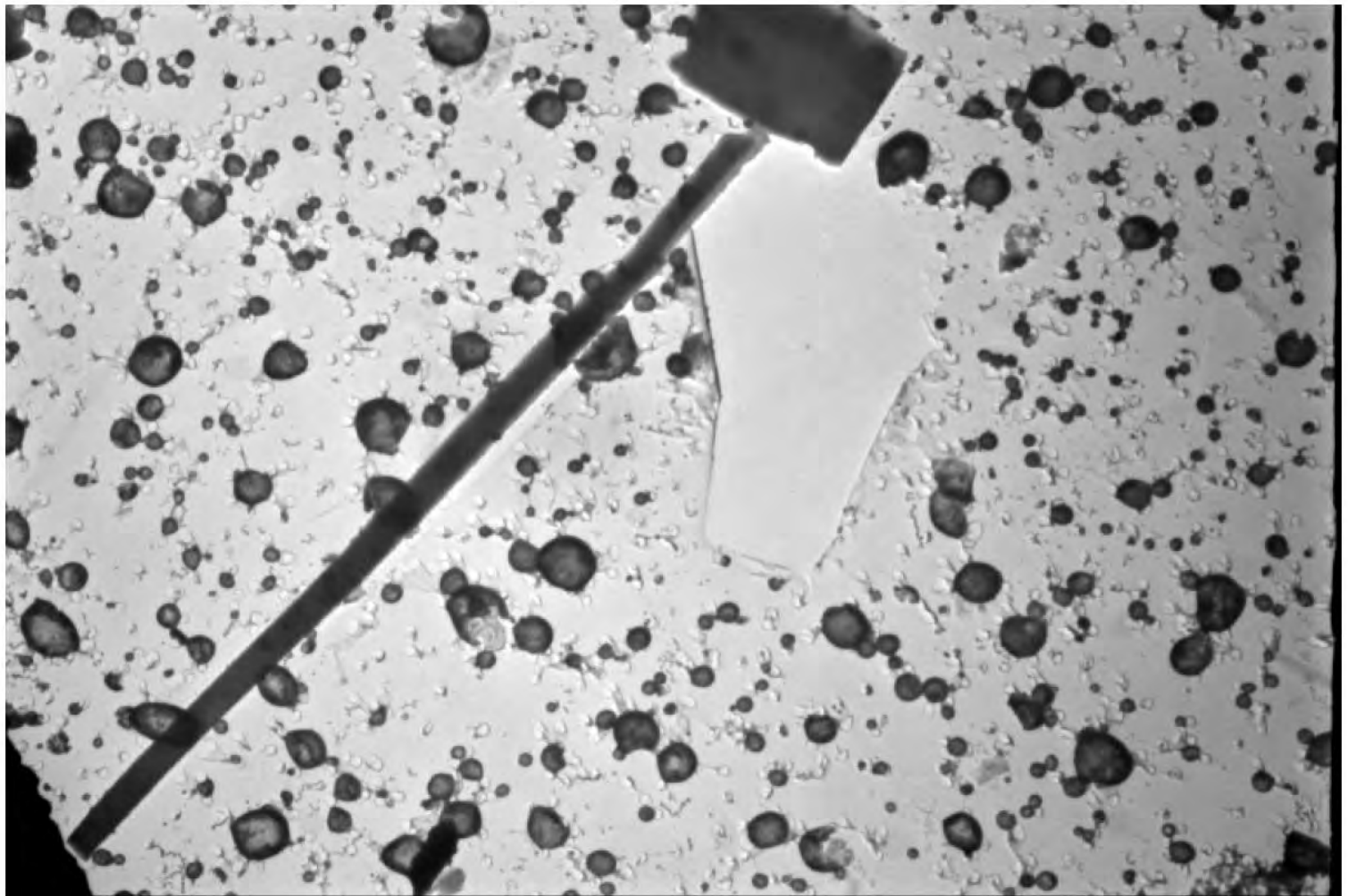
TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-004		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G.O. Area
Date of Analysis	11/1/2018		G. O. in microns =	105	105	105
Initial Weight(g)	0.06100			105	105	105
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
Talc #1	D10-C7	Fibrous Talc	35.7	1.22	29.3	Fibrous talc observed	









310710

M68503-004-Talc #1 ( 35.7 um x 1.22 um )

11/1/2018



## **Section 7**

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M68503 - 014ISO **Analyst** Paul Hess **Date** 10/28/2018  
**ClientName** Dept 14 Environmental **ClientSpl** 2018-0060-20A  
**Location** \_\_\_\_\_  
**Type\_Mat** Johnson's Baby Powder  
**Gross** Off-white powder **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

<b>Morphology</b>			
<b>Pleochroism</b>			
<b>Refract Index</b>			
<b>Sign^</b>			
<b>Extinction</b>			
<b>Birefringence</b>			
<b>Melt</b>			
<b>Fiber Name</b>			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

Talc -B/Y DS in 1.55  
 \*\*\*  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

Opagues  
 Talc  
 Mineral grains

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected. \*\*\* Trace amount of fibrous Talc observed.

The method detection limit is 1% unless otherwise stated.

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M68503 - 014BL1 **Analyst** Paul Hess **Date** 10/22/2018  
**ClientName** Dept 14 Environmental **ClientSpl** 2018-0060-20A  
**Location** \_\_\_\_\_  
**Type\_Mat** Johnson's Baby Powder (60mg prep)  
**Gross** White debris on slide **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

Morphology			
Pleochroism			
Refract Index			
Sign^			
Extinction			
Birefringence			
Melt			
Fiber Name			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

\_\_\_\_\_  
 Opaques \_\_\_\_\_ X  
 Talc \_\_\_\_\_ X  
 Mineral grains \_\_\_\_\_ X  
 \_\_\_\_\_

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected.  
 \_\_\_\_\_  
 \_\_\_\_\_

The method detection limit is 1% unless otherwise stated.

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-014		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	10/23/2018 - 10/25/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02108			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm <sup>2</sup>			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	A2-A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	B3							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
1	E8	Bundle	Tremolite	8.6	1.3	6.6	X	X
NSD	E9							
NSD	E10							
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							



TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-014		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	10/23/2018 - 10/25/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02108			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm <sup>2</sup>			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	A4-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	E2							
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							
NSD	H1							
NSD	H2							
NSD	H3							
NSD	H4							
NSD	H5							
NSD	H6							
NSD	H7							
NSD	H8							
NSD	H9							
NSD	H10							
NSD	J1							
NSD	J2							
NSD	J3							
NSD	J5							
2	J6	Bundle	Tremolite	7.9	0.84	9.4	X	X
NSD	J7							
NSD	J8							
NSD	J9							
NSD	J10							

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-014		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	10/23/2018 - 10/25/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02108			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

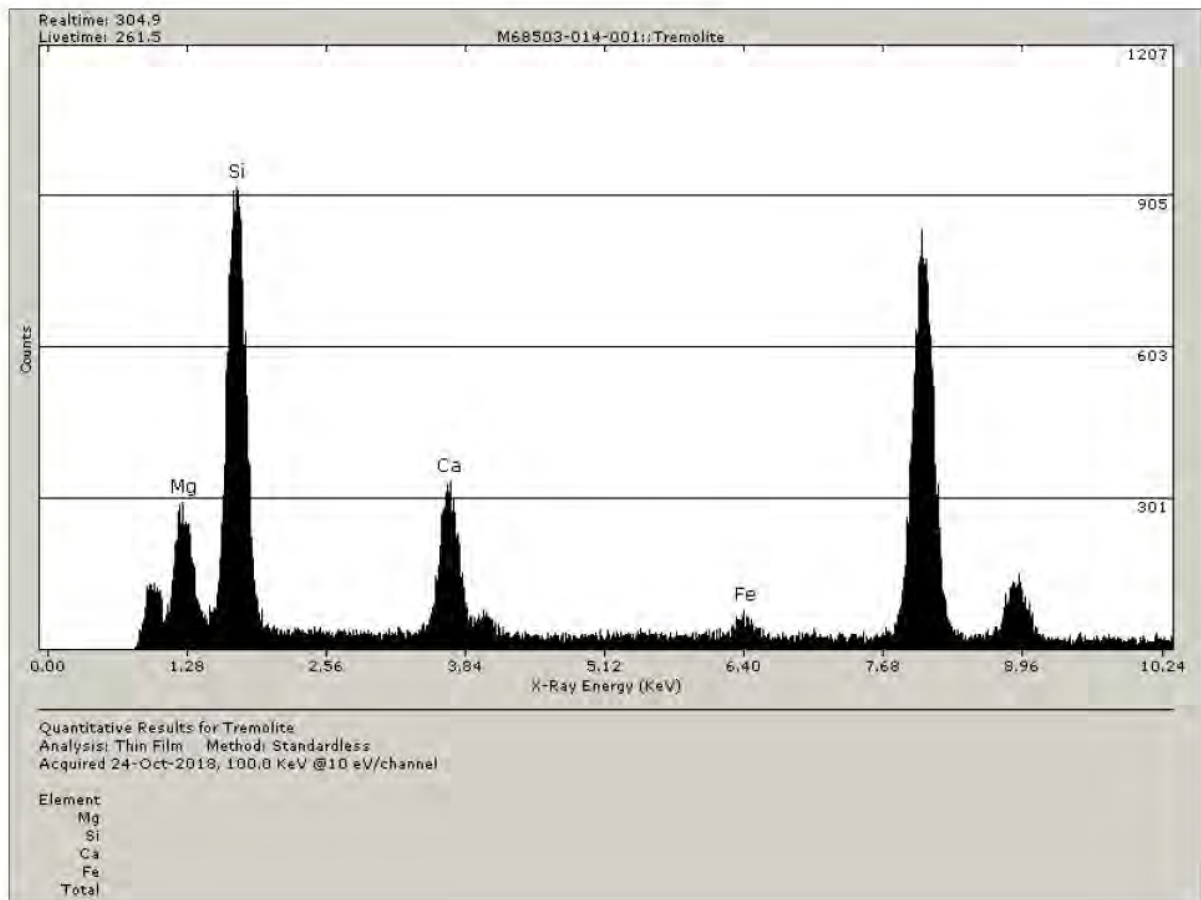
Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
--------	--------------	-----------	------------------	--------	-------	-------	------	-----

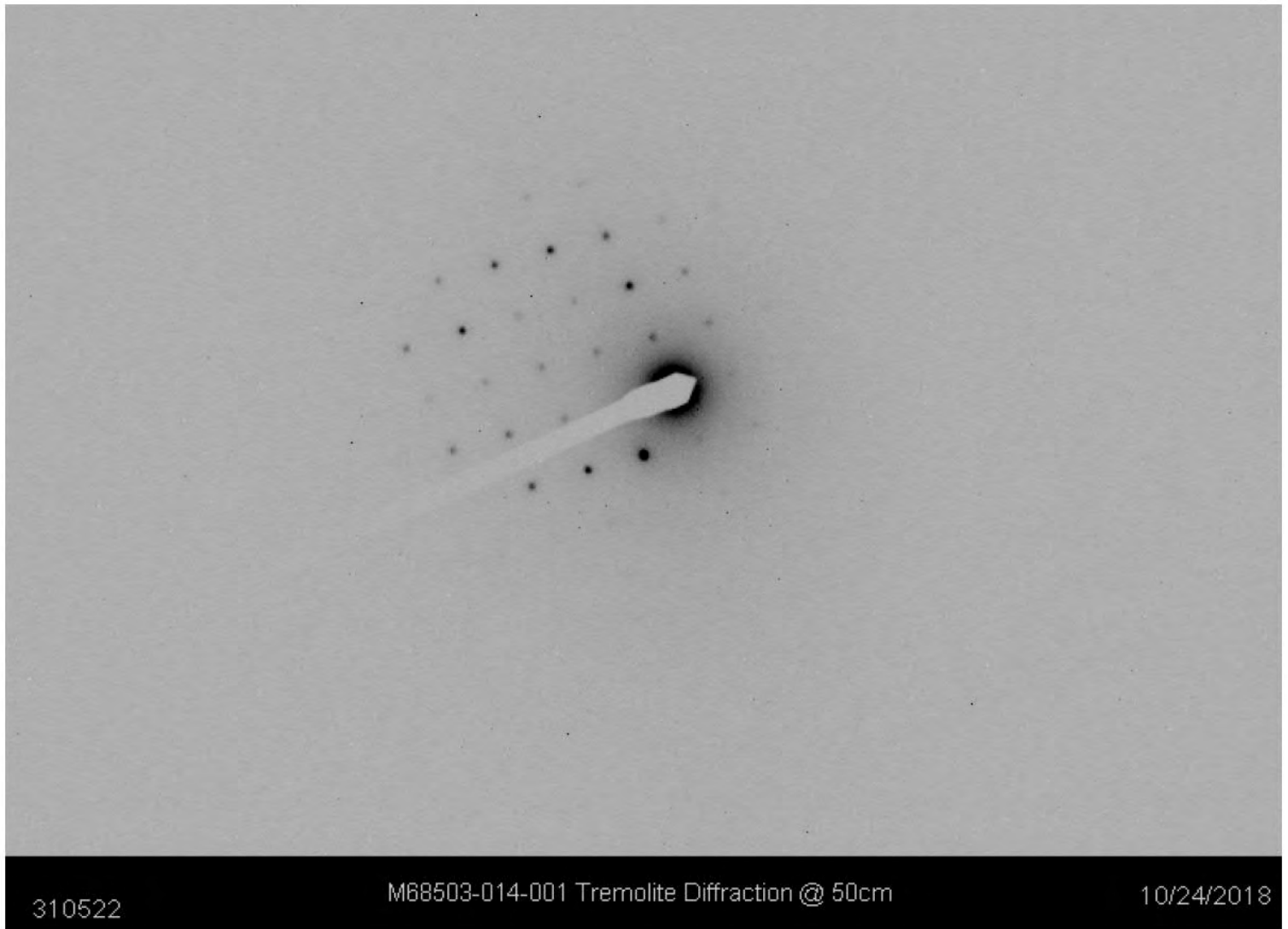
Org. Sample Wt.	Sample Wt.	
	Post HL Separation	
0.02108	0.02108	g
Percent of Orig. Post Separation	100	(%)

Wt. Of Sample Analyzed Filter size Number of Structures Counted <b>Structures per Gram of Sample</b>		
	0.00011557	g
	201.1	mm²
	2	Str.
	1.73E+04	Str./g

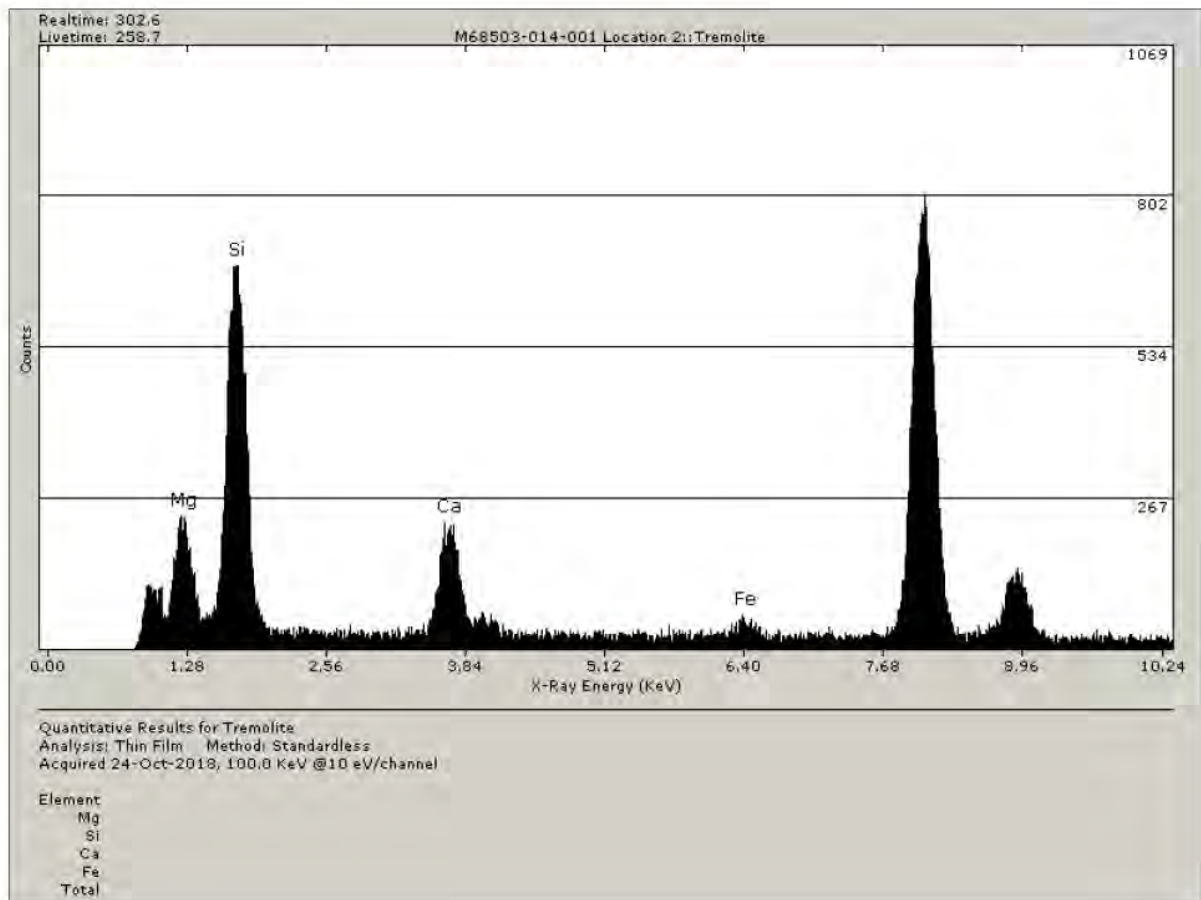
Detection Limit	8.65E+03	Str./g
Analytical Sensitivity	8.65E+03	Str./g

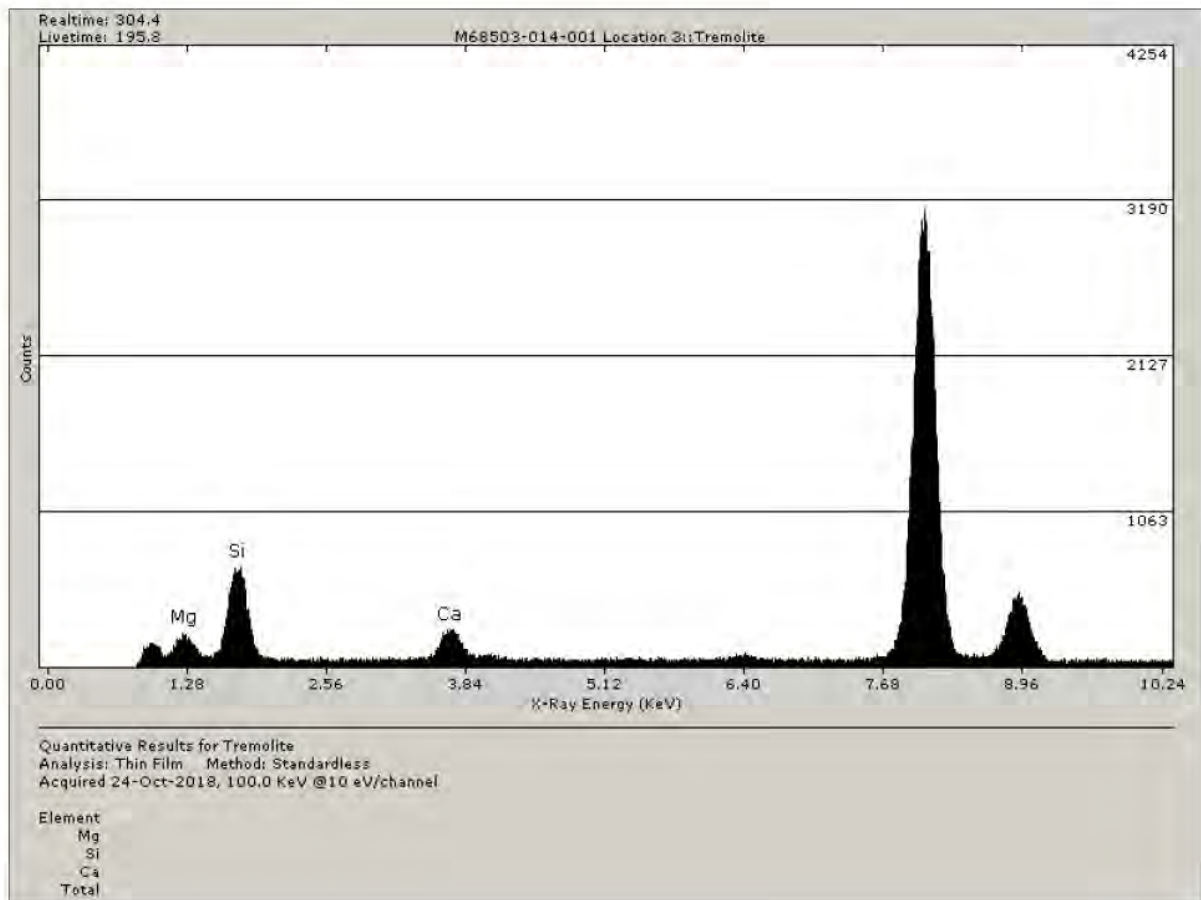


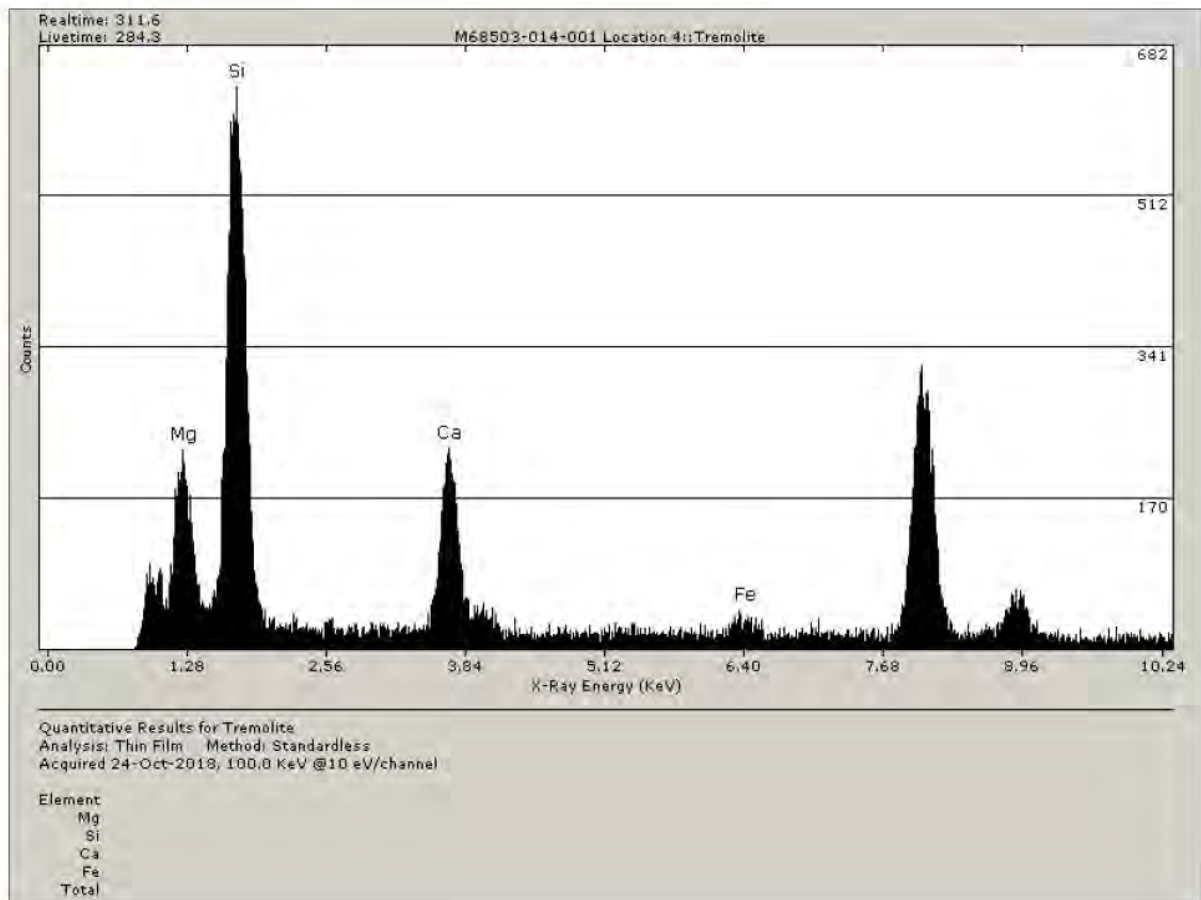






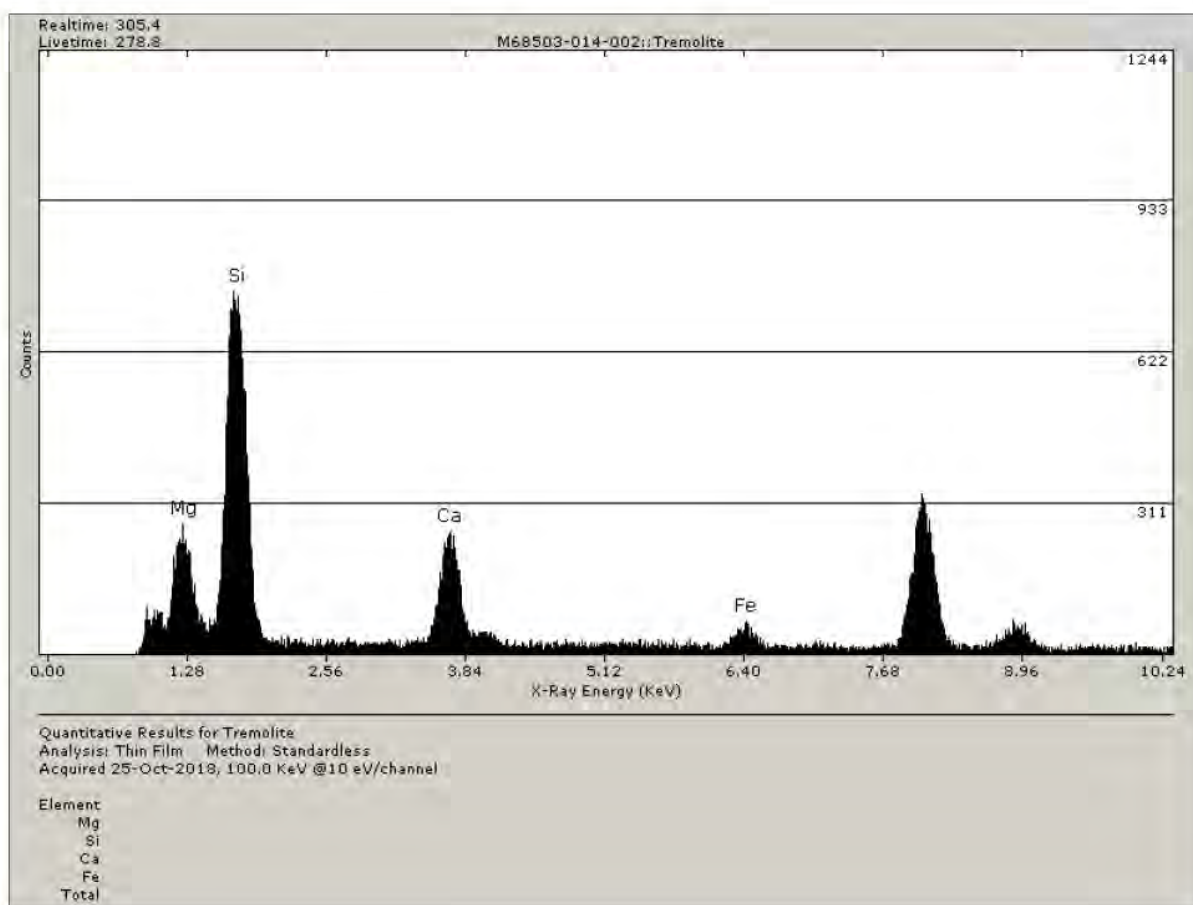


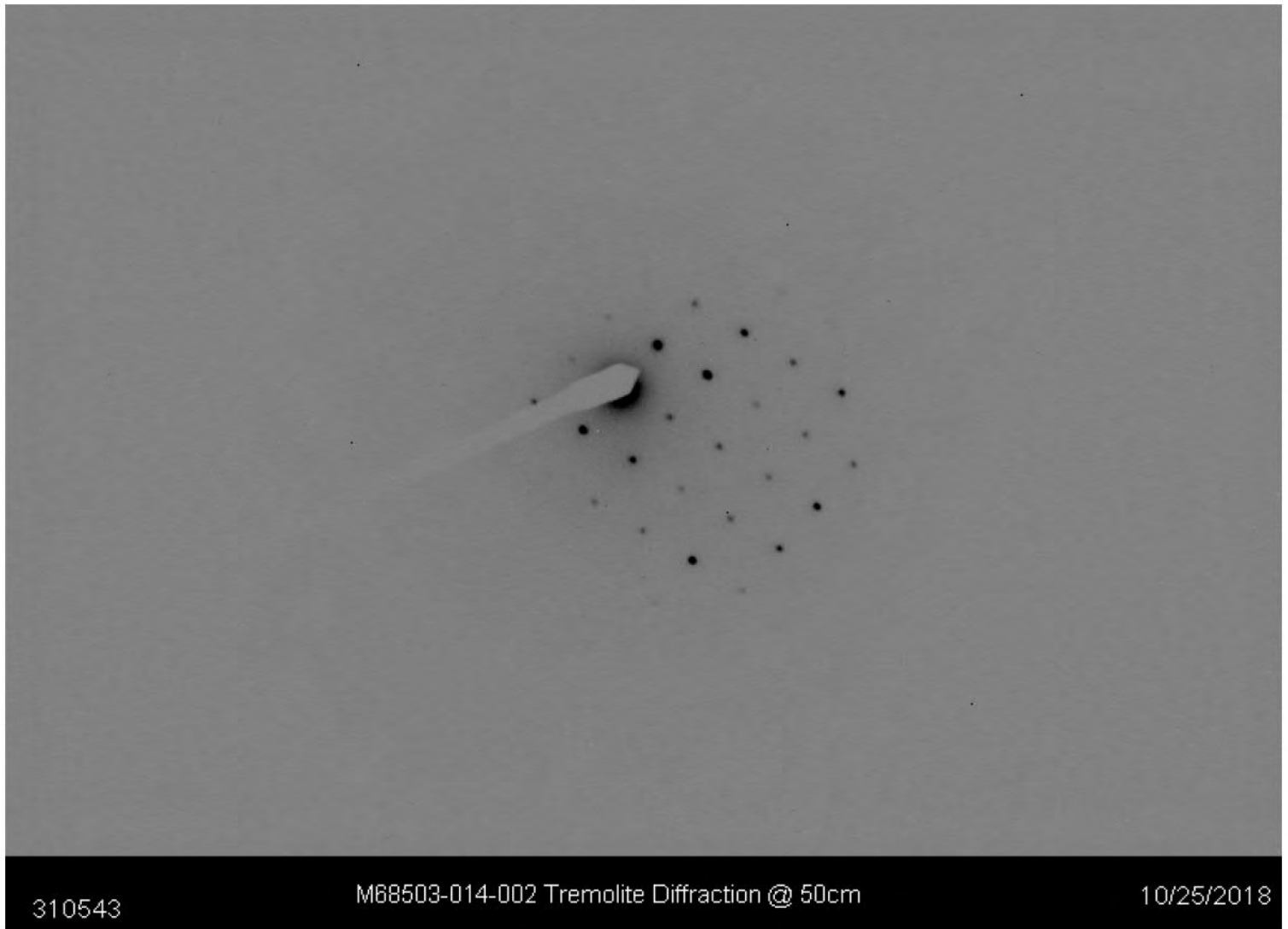


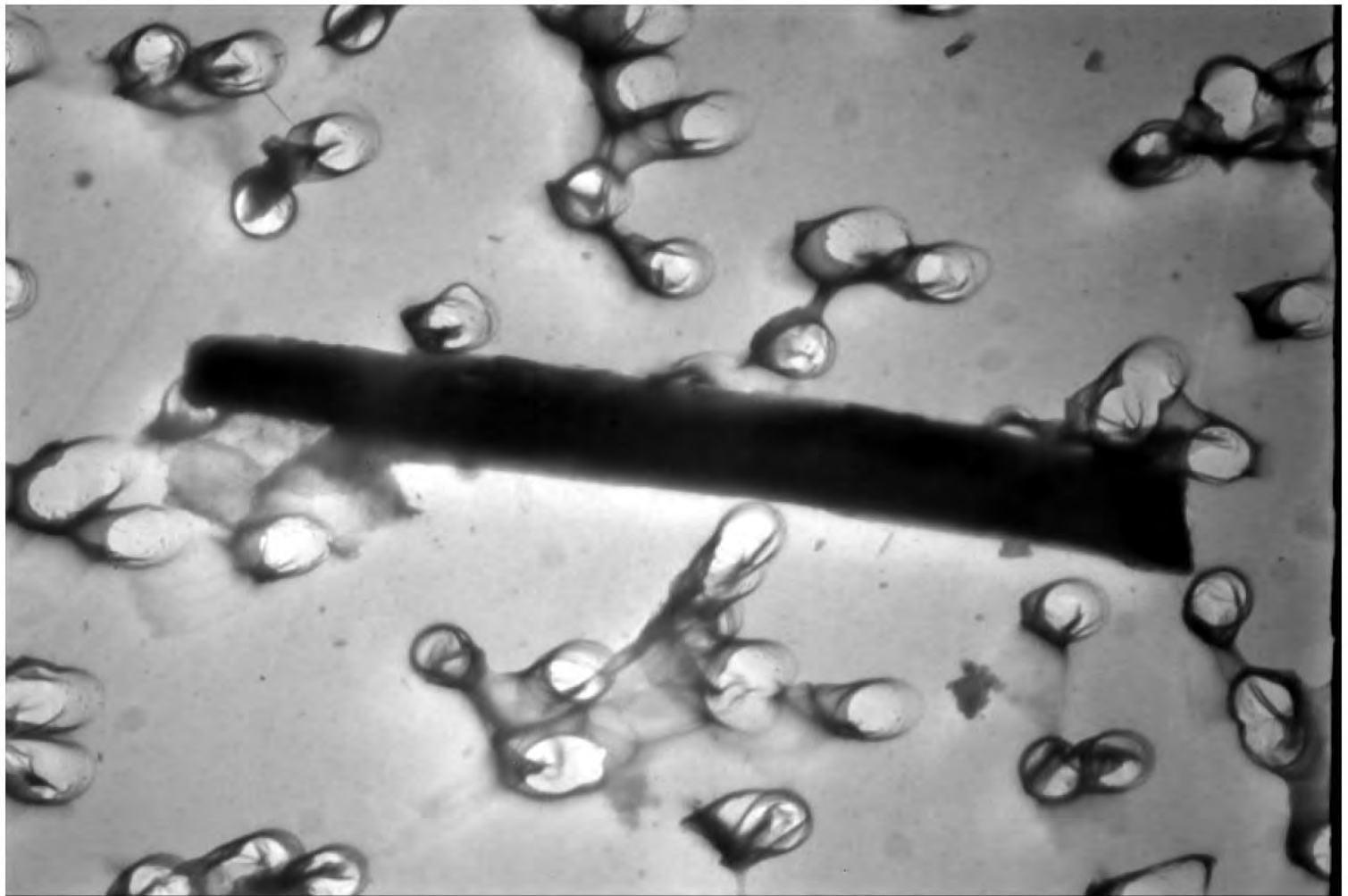












310546

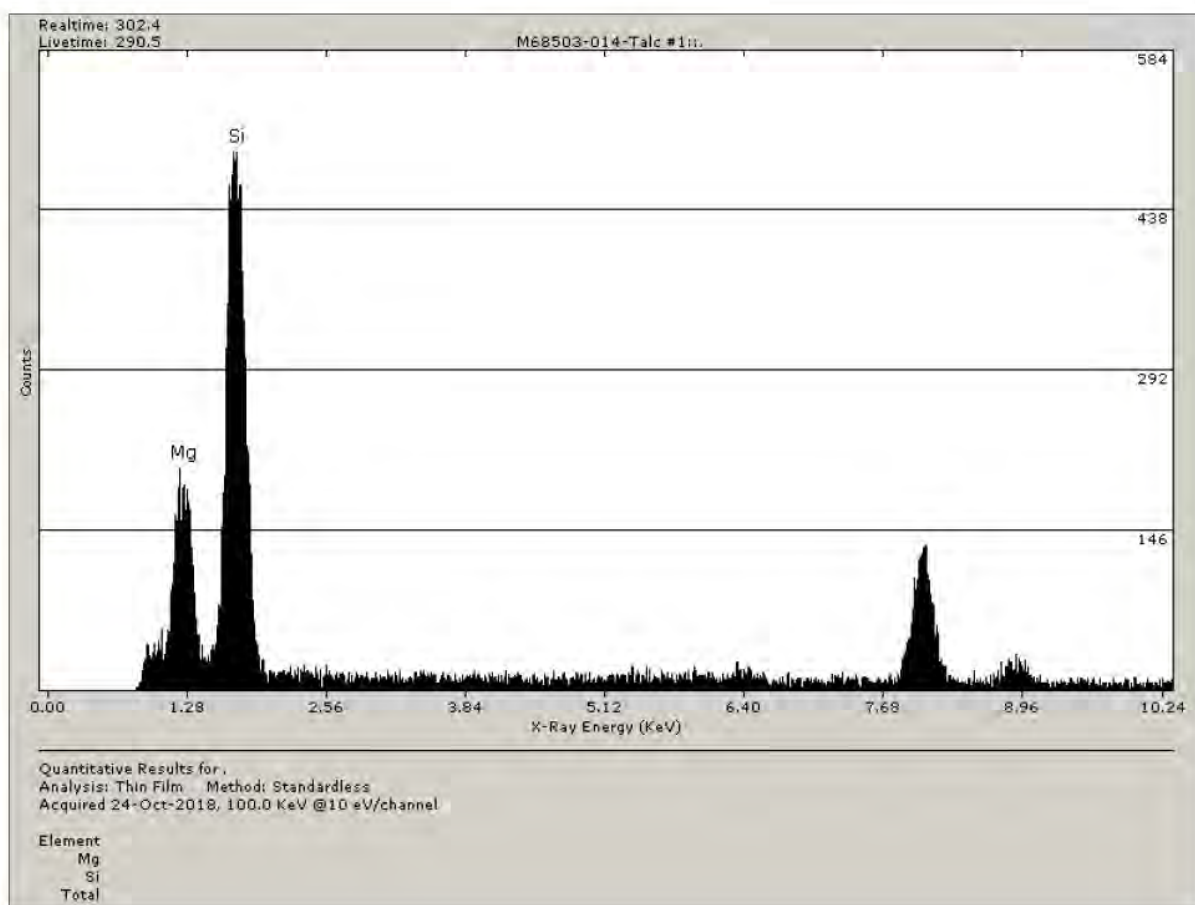
M68503-014-002 Tremolite ( 7.9  $\mu\text{m}$  x 0.84  $\mu\text{m}$  )

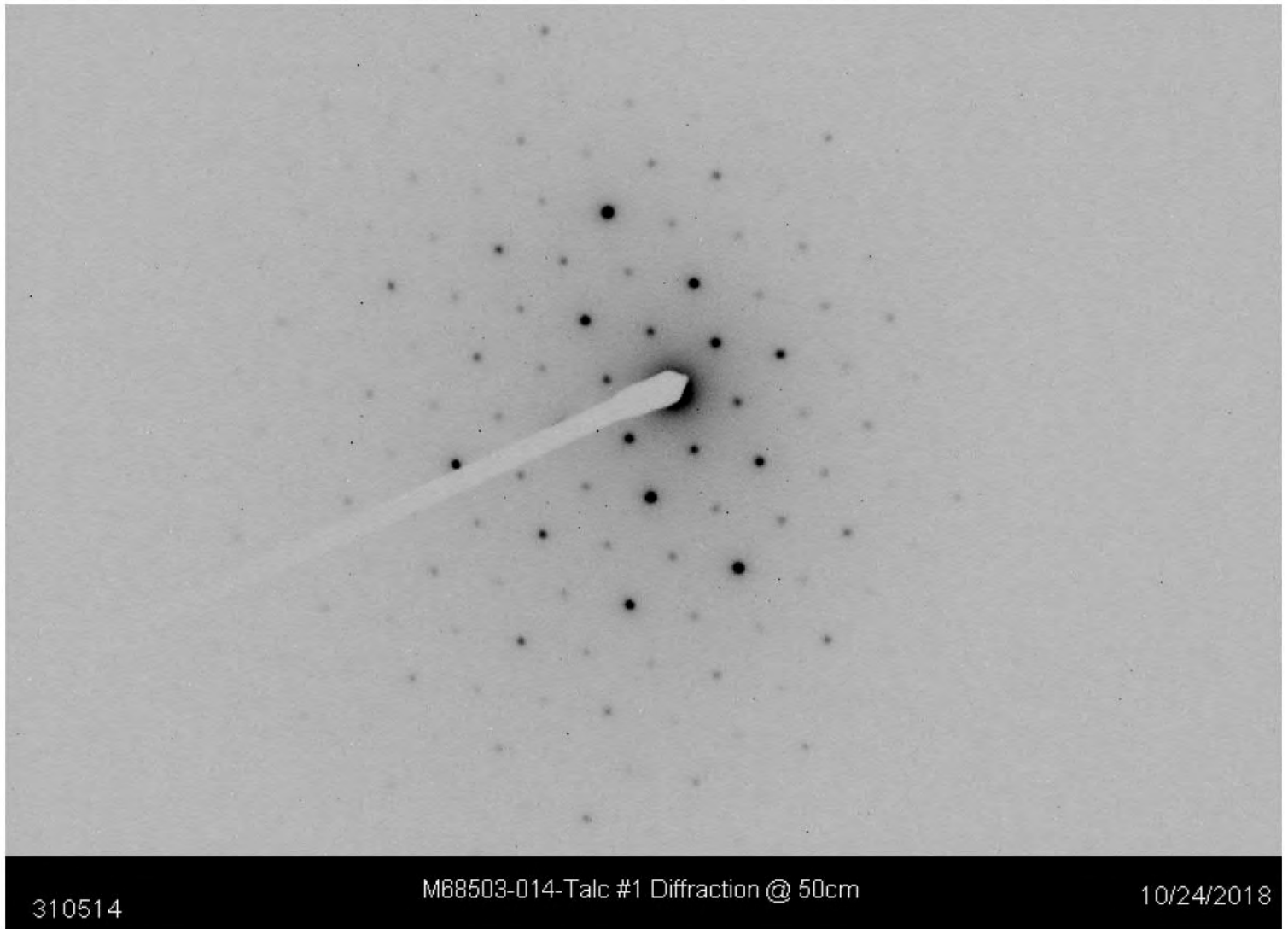
10/25/2018

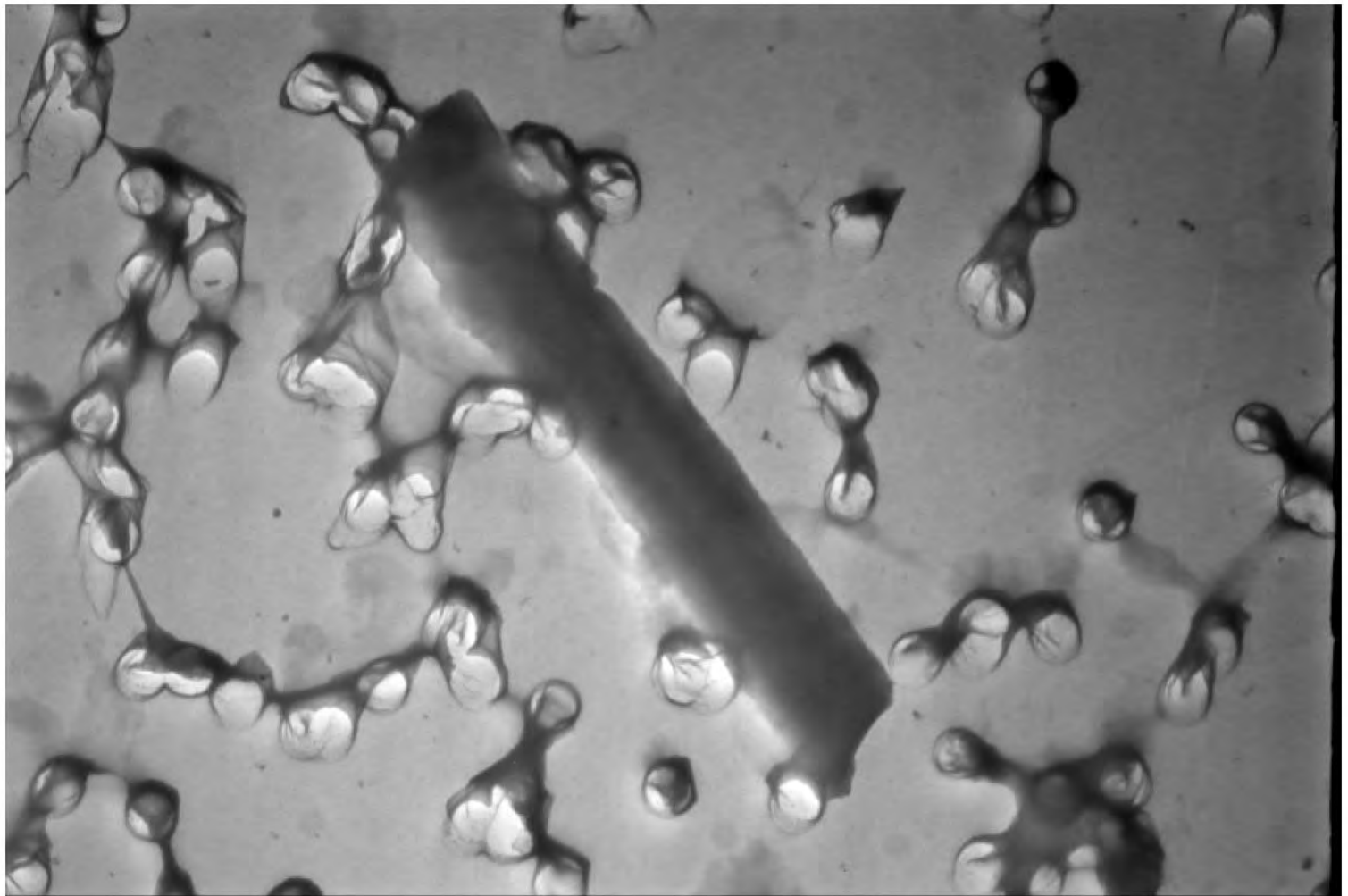
TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-014		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G.O. Area
Date of Analysis	10/23/2018 - 10/25/2018		G. O. in microns =	105	105	105
Initial Weight(g)	0.02108			105	105	105
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
Talc #1	A2-D7	Fibrous Talc	6.7	1.1	6.1	Fibrous talc observed	
						Trace through out	









310517

M68503-014-Talc #1 ( 6.7 um x 1.1 um )

10/24/2018

## **Section 8**

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M68503-011ISO **Analyst** Paul Hess **Date** 10/28/2018  
**ClientName** Dept 14 Environmental **ClientSpl** 2018-0060-06A  
**Location** \_\_\_\_\_  
**Type\_Mat** Economy Size Johnson's Baby Powder  
**Gross** Off-white powder **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

<b>Morphology</b>			
<b>Pleochroism</b>			
<b>Refract Index</b>			
<b>Sign^</b>			
<b>Extinction</b>			
<b>Birefringence</b>			
<b>Melt</b>			
<b>Fiber Name</b>			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**OTHER FIBROUS COMPONENTS**

Talc -B/Y DS in 1.55

\*\*\*

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

Opagues

X

Talc

X

Mineral grains

X

**Binder Description**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected. \*\*\* Trace amount of fibrous Talc observed.

\_\_\_\_\_  
 \_\_\_\_\_

The method detection limit is 1% unless otherwise stated.



**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M68503-011BL1 **Analyst** Paul Hess **Date** 10/22/2018  
**ClientName** Dept 14 Environmental **ClientSpl** 2018-0060-06A  
**Location** \_\_\_\_\_  
**Type\_Mat** Economy Size Johnson's Baby Powder (60mg prep)  
**Gross** White debris on slide **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

Morphology			
Pleochroism			
Refract Index			
Sign^			
Extinction			
Birefringence			
Melt			
Fiber Name			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

Opagues  
 Talc  
 Mineral grains

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected.  
 \_\_\_\_\_  
 \_\_\_\_\_

The method detection limit is 1% unless otherwise stated.

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-011		Grid Box #	8636	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	10/25/2018 - 10/26/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.03004			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm <sup>2</sup>			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	E7-B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							
NSD	G1							

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-011		Grid Box #	8636	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	10/25/2018 - 10/26/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.03004			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm <sup>2</sup>			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	E6-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	F1							



TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-011		Grid Box #	8636	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	10/25/2018 - 10/26/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.03004			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
--------	--------------	-----------	------------------	--------	-------	-------	------	-----

Org. Sample Wt.	Sample Wt.	
	Post HL Separation	
0.03004	0.03004	g
Percent of Orig. Post Separation	100	(%)

Wt. Of Sample Analyzed Filter size Number of Structures Counted <b>Structures per Gram of Sample</b>		
	0.00016469	g
	201.1	mm²
	0	Str.
	<6072	Str./g

Detection Limit	6.07E+03	Str./g
Analytical Sensitivity	6.07E+03	Str./g

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-011		Grid Box #	8636	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G.O. Area
Date of Analysis	10/25/2018 - 10/26/2018		G. O. in microns =	105	105	105
Initial Weight(g)	0.03004			105	105	105
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
NSD	E7-B1					No fibrous talc observed	



## **Section 9**

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M68503 - 027ISO **Analyst** Paul Hess **Date** 10/28/2018  
**ClientName** Dept 14 Environmental **ClientSpl** 2018-0061-09A  
**Location** \_\_\_\_\_  
**Type\_Mat** Shower to Shower Body Powder  
**Gross** Off-white powder **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

<b>Morphology</b>			
<b>Pleochroism</b>			
<b>Refract Index</b>			
<b>Sign^</b>			
<b>Extinction</b>			
<b>Birefringence</b>			
<b>Melt</b>			
<b>Fiber Name</b>			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**OTHER FIBROUS COMPONENTS**

Talc -B/Y DS in 1.55

\*\*\*

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

Opagues

X

Talc

X

Mineral grains

X

**Binder Description**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected. \*\*\* Trace amount on fibrous Talc observed.

\_\_\_\_\_  
 \_\_\_\_\_

The method detection limit is 1% unless otherwise stated.

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M68503 - 027BL1 **Analyst** Paul Hess **Date** 10/22/2018  
**ClientName** Dept 14 Environmental **ClientSpl** 2018-0061-09A  
**Location** \_\_\_\_\_  
**Type\_Mat** Shower to Shower Body Powder (60mg prep)  
**Gross** White debris on slide **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

Morphology			
Pleochroism			
Refract Index			
Sign^			
Extinction			
Birefringence			
Melt			
Fiber Name			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

\_\_\_\_\_  
 Opaques \_\_\_\_\_ X  
 Talc \_\_\_\_\_ X  
 Mineral grains \_\_\_\_\_ X  
 \_\_\_\_\_

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected.  
 \_\_\_\_\_  
 \_\_\_\_\_

The method detection limit is 1% unless otherwise stated.

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-027		Grid Box #	8632	No. of Grids Counted	2
Analyst:	Mehrddad Motamedi			Length	Width	G. O. Area
Date of Analysis	11/1/2018-11/2/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.06085			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
4	Screen Magnification	20 KX	Area Examined mm <sup>2</sup>			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	D10-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	G1							
NSD	G2							
NSD	G3							
NSD	G4							
NSD	G5							
NSD	G6							
NSD	G7							
NSD	G8							
NSD	G9							
NSD	G10							
NSD	I1							
NSD	I2							
NSD	I3							
NSD	I4							
NSD	I5							
NSD	I6							
NSD	I7							
NSD	I8							
NSD	I9							
NSD	I10							



TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-027		Grid Box #	8632	No. of Grids Counted	2
Analyst:	Mehrddad Motamedi			Length	Width	G. O. Area
Date of Analysis	11/1/2018-11/2/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.06085			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
4	Screen Magnification	20 KX	Area Examined mm <sup>2</sup>			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	D9-J1							
NSD	J2							
NSD	J3							
NSD	J4							
NSD	J5							
NSD	J6							
NSD	J7							
NSD	J8							
NSD	J9							
NSD	J10							
NSD	H1							
NSD	H2							
NSD	H3							
NSD	H4							
NSD	H5							
NSD	H6							
NSD	H7							
NSD	H8							
NSD	H9							
NSD	H10							
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							



TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-027		Grid Box #	8632	No. of Grids Counted	2
Analyst:	Mehrdad Motamedi			Length	Width	G. O. Area
Date of Analysis	11/1/2018-11/2/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.06085			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
4	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
--------	--------------	-----------	------------------	--------	-------	-------	------	-----

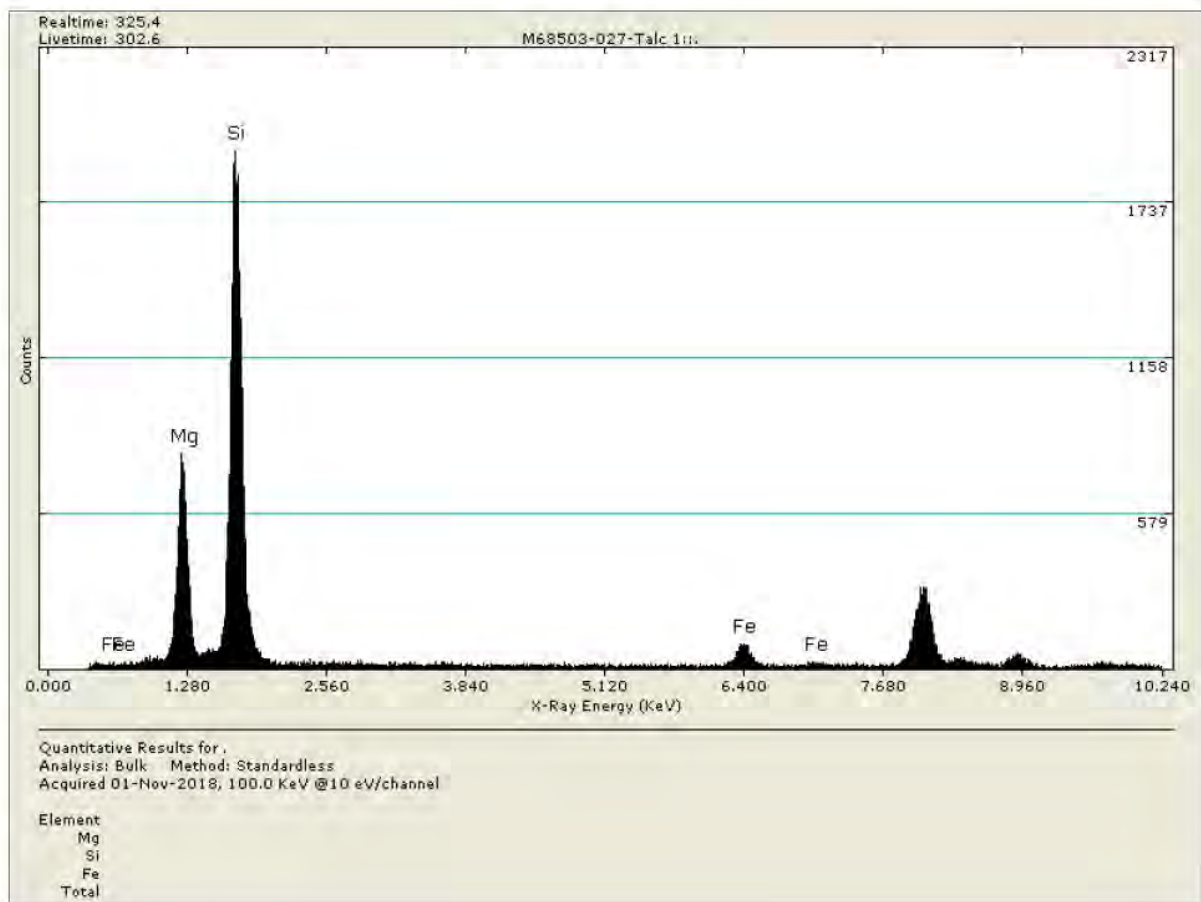
Org. Sample Wt.	Sample Wt.	
	Post HL Separation	
0.06085	0.06085	g
Percent of Orig. Post Separation	100	(%)

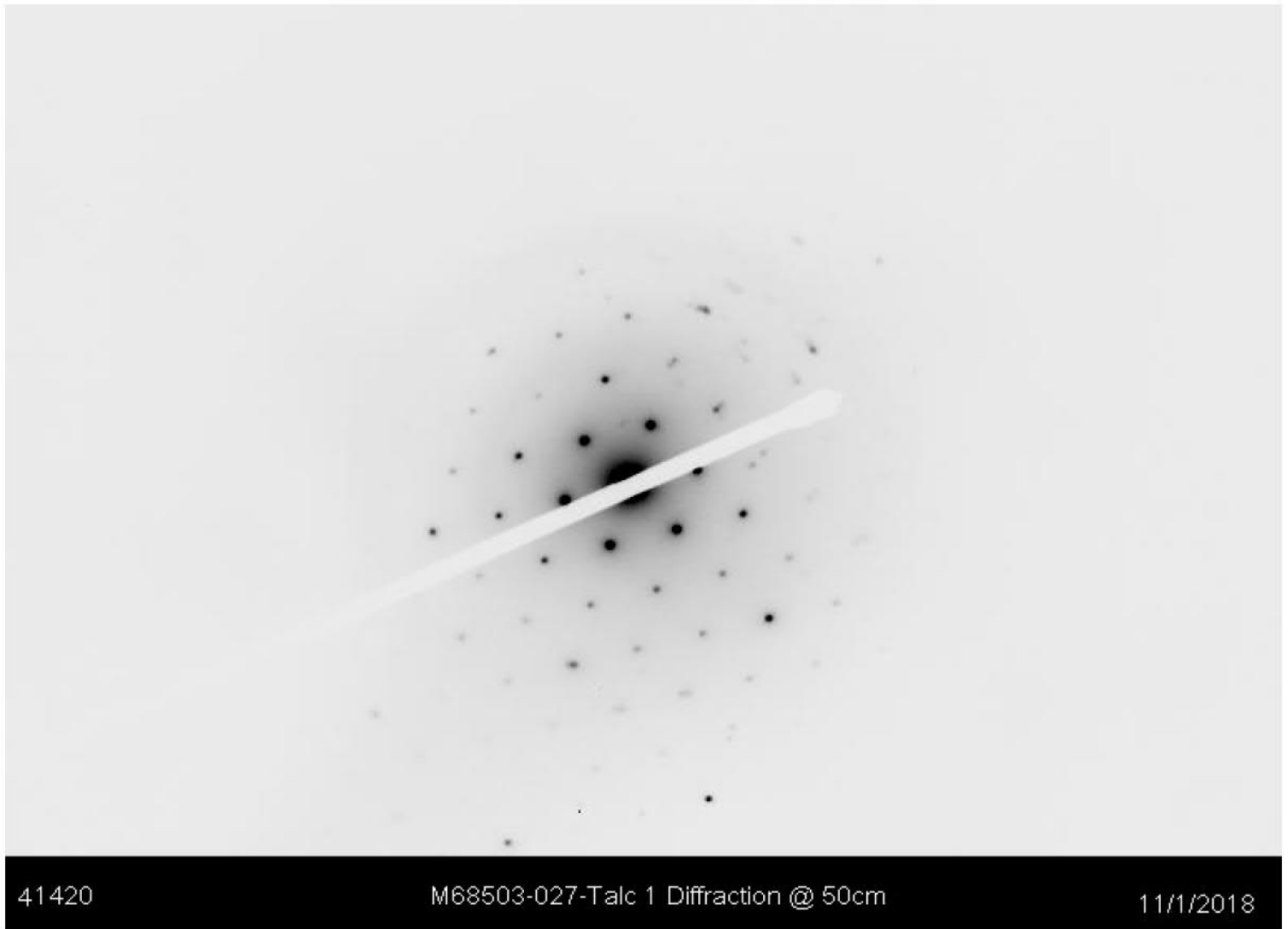
Wt. Of Sample Analyzed Filter size Number of Structures Counted <b>Structures per Gram of Sample</b>		
	0.00033360	g
	201.1	mm²
	0	Str.
	<2998	Str./g

Detection Limit	3.00E+03	Str./g
Analytical Sensitivity	3.00E+03	Str./g

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-027		Grid Box #	8632	No. of Grids Counted	2
Analyst:	Mehrdad Motamedi			Length	Width	G.O. Area
Date of Analysis	11/1/2018-11/2/2018		G. O. in microns =	105	105	105
Initial Weight(g)	0.06085			105	105	105
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
4	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
Talc 1	D10-C10	Fibrous Talc	22.4	2	11.2	Fibrous talc observed Trace through out	







41421

M68503-027-Talc 1 ( 22.4um x 2.0um )

11/1/2018



## **Section 10**

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M68503 - 019ISO **Analyst** Paul Hess **Date** 10/28/2018  
**ClientName** Dept 14 Environmental **ClientSpl** 2018-0060-44A  
**Location** \_\_\_\_\_  
**Type\_Mat** Economy Size Johnson's Baby Powder  
**Gross** Off-white powder **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

<b>Morphology</b>			
<b>Pleochroism</b>			
<b>Refract Index</b>			
<b>Sign^</b>			
<b>Extinction</b>			
<b>Birefringence</b>			
<b>Melt</b>			
<b>Fiber Name</b>			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

Talc -B/Y DS in 1.55  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

Opagues  
 Talc  
 Mineral grains

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected. \*\*\* Trace amount of fibrous Talc observed.  
 \_\_\_\_\_  
 \_\_\_\_\_

The method detection limit is 1% unless otherwise stated.

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M68503 - 019BL1 **Analyst** Paul Hess **Date** 10/22/2018  
**ClientName** Dept 14 Environmental **ClientSpl** 2018-0060-44A  
**Location** \_\_\_\_\_  
**Type\_Mat** Economy Size Johnson's Baby Powder (60mg prep)  
**Gross** White debris on slide **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

<b>Morphology</b>			
<b>Pleochroism</b>			
<b>Refract Index</b>			
<b>Sign^</b>			
<b>Extinction</b>			
<b>Birefringence</b>			
<b>Melt</b>			
<b>Fiber Name</b>			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

\_\_\_\_\_  
 Opaques \_\_\_\_\_ X  
 Talc \_\_\_\_\_ X  
 Mineral grains \_\_\_\_\_ X  
 \_\_\_\_\_ X

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected.  
 \_\_\_\_\_  
 \_\_\_\_\_

The method detection limit is 1% unless otherwise stated.

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-019		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Mehrddad Motamedi			Length	Width	G. O. Area
Date of Analysis	10/24/2018-10/25/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02042			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
4	Screen Magnification	20 KX	Area Examined mm <sup>2</sup>			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	C2-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							



TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-019		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Mehrddad Motamedi			Length	Width	G. O. Area
Date of Analysis	10/24/2018-10/25/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02042			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
4	Screen Magnification	20 KX	Area Examined mm <sup>2</sup>			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	C3-J1							
NSD	J2							
NSD	J3							
NSD	J4							
NSD	J5							
NSD	J6							
NSD	J7							
NSD	J8							
NSD	J9							
NSD	J10							
NSD	I1							
NSD	I2							
NSD	I3							
NSD	I4							
1	I5	Bundle	Anthophyllite	20	1	20.0	X	X
NSD	I6							
NSD	I7							
NSD	I8							
NSD	I9							
NSD	I10							
NSD	H1							
NSD	H2							
NSD	H3							
NSD	H4							
NSD	H5							
NSD	H6							
NSD	H7							
NSD	H8							
NSD	H9							
NSD	H10							
NSD	G1							
NSD	G2							
NSD	G3							
NSD	G4							
NSD	G5							
NSD	G6							
NSD	G7							
NSD	G8							
NSD	G9							
NSD	G10							
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							



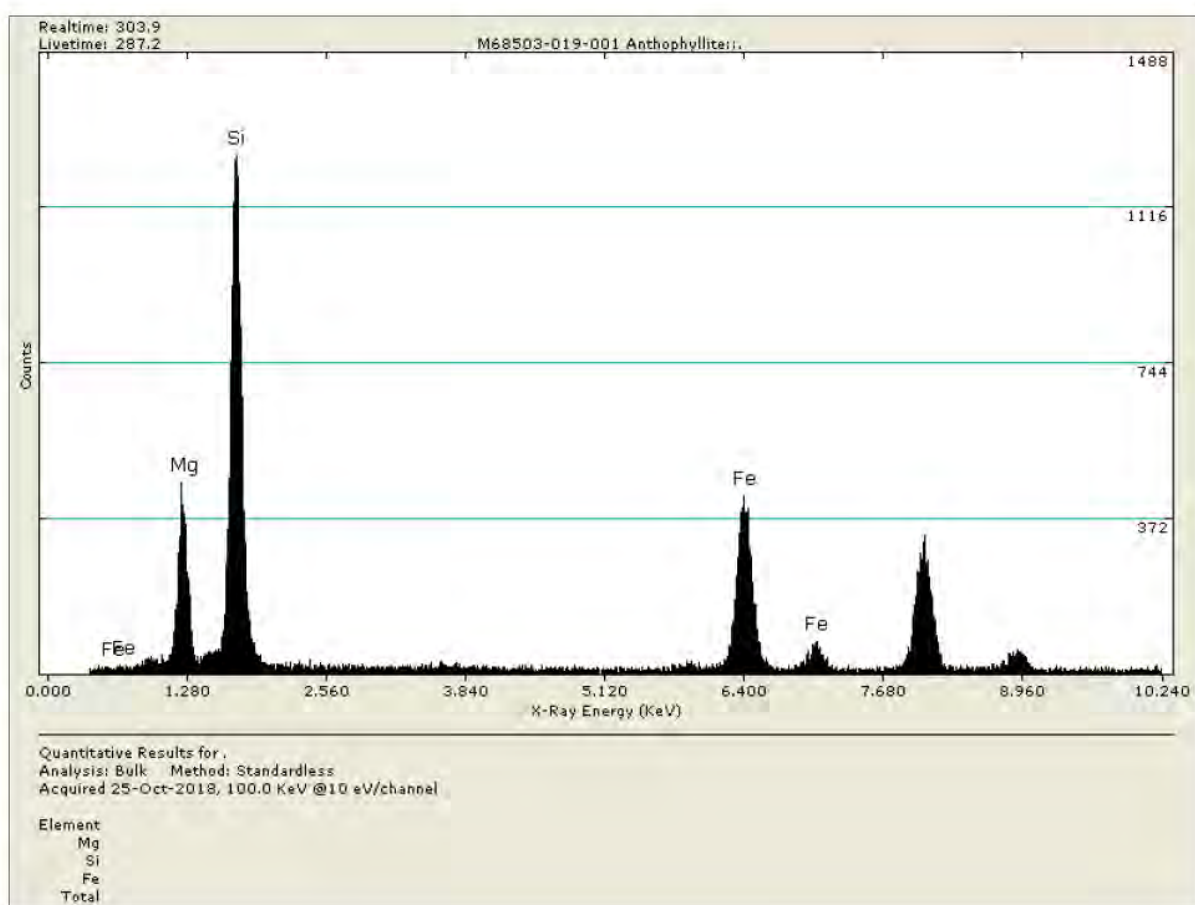
TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-019		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Mehrddad Motamedi			Length	Width	G. O. Area
Date of Analysis	10/24/2018-10/25/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02042			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
4	Screen Magnification	20 KX	Area Examined mm²			1.103

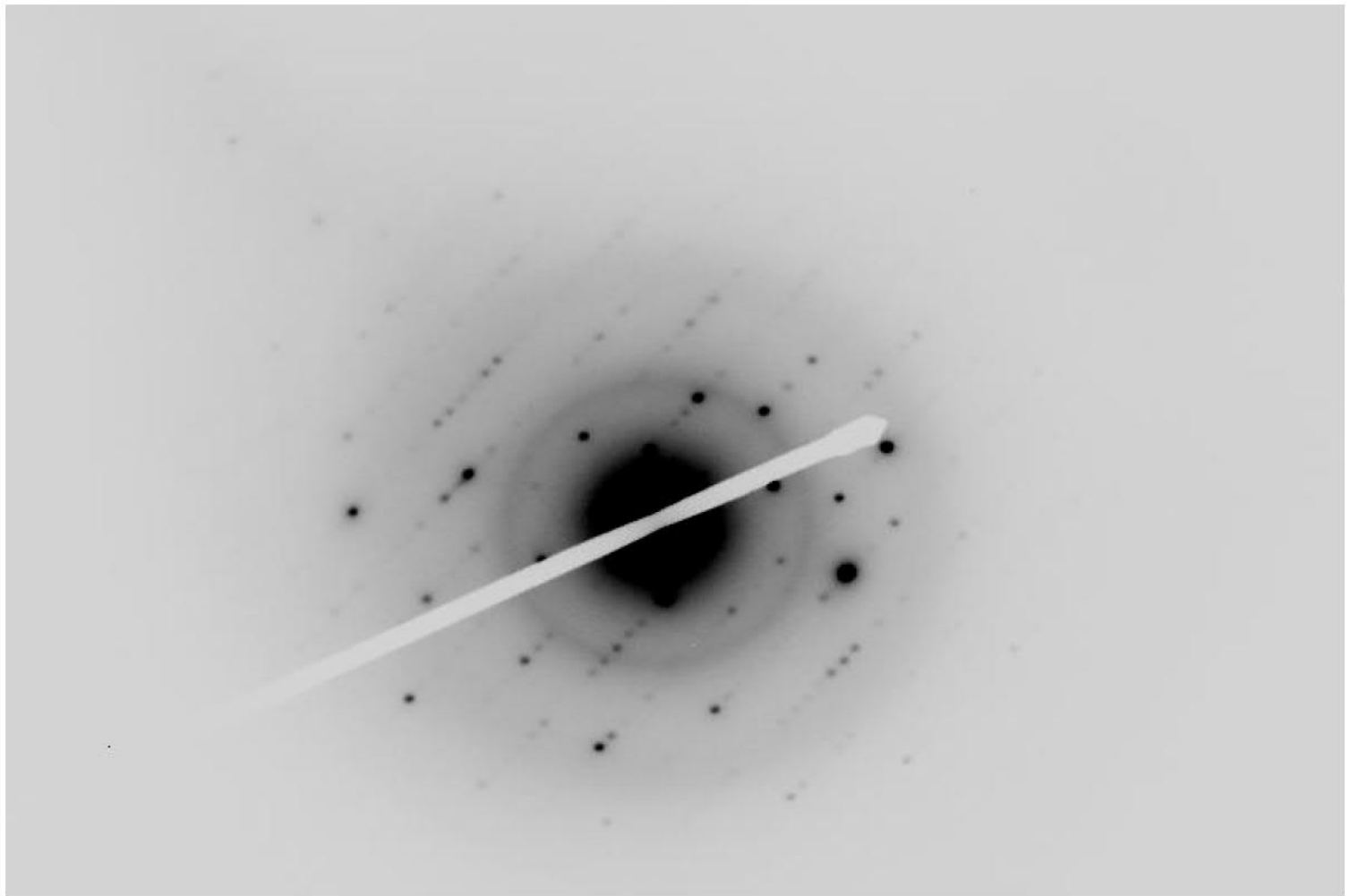
Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
--------	--------------	-----------	------------------	--------	-------	-------	------	-----

Org. Sample Wt.	Sample Wt.	
	Post HL Separation	
0.02042	0.02042	g
Percent of Orig. Post Separation	100	(%)

Wt. Of Sample Analyzed Filter size Number of Structures Counted Structures per Gram of Sample		
	0.00011195	g
	201.1	mm²
	1	Str.
	8.93E+03	Str./g

Detection Limit	8.93E+03	Str./g
Analytical Sensitivity	8.93E+03	Str./g

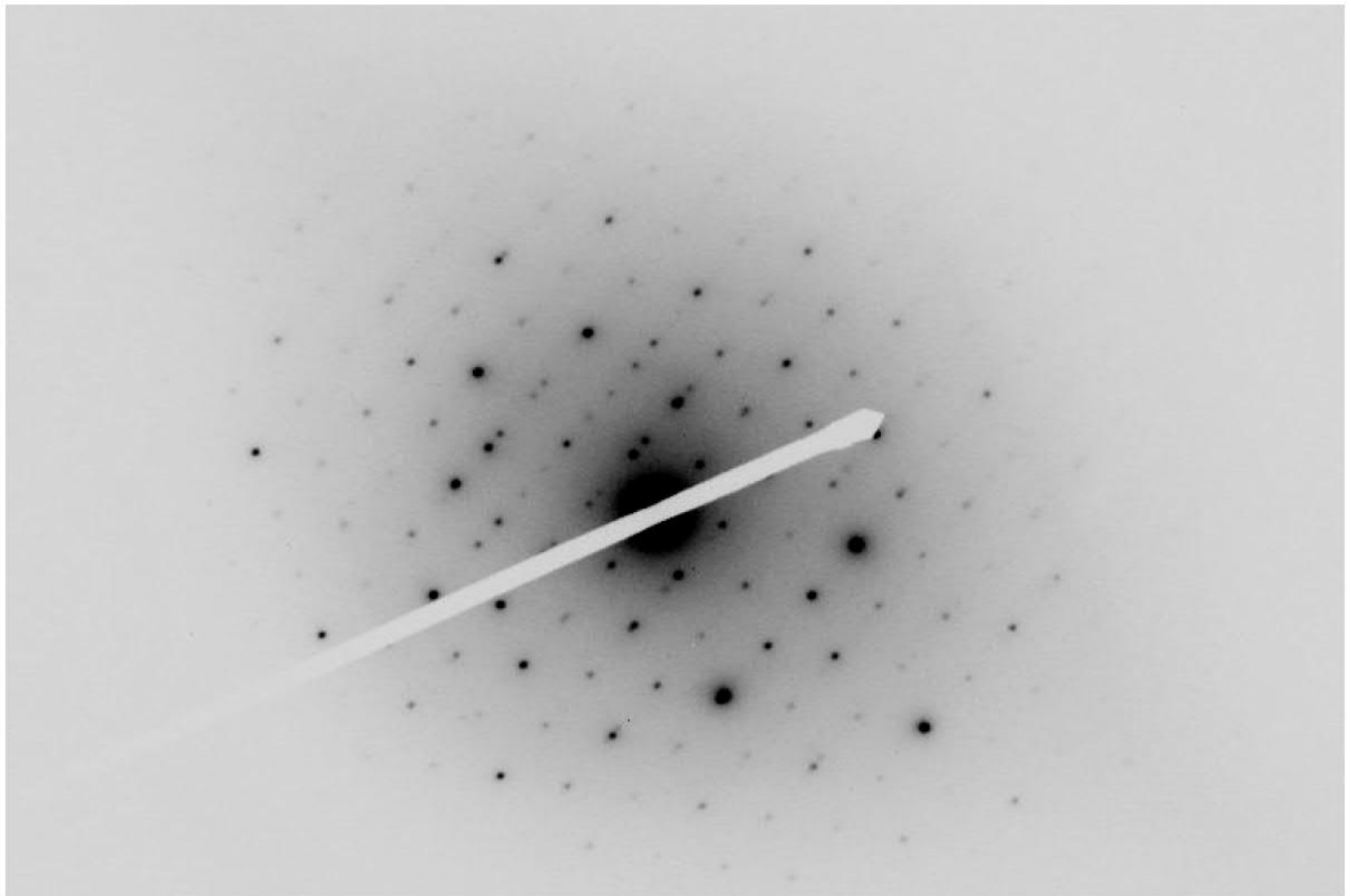




41322

M68503-019-001 Anthophyllite Diffraction 1 @ 50cm

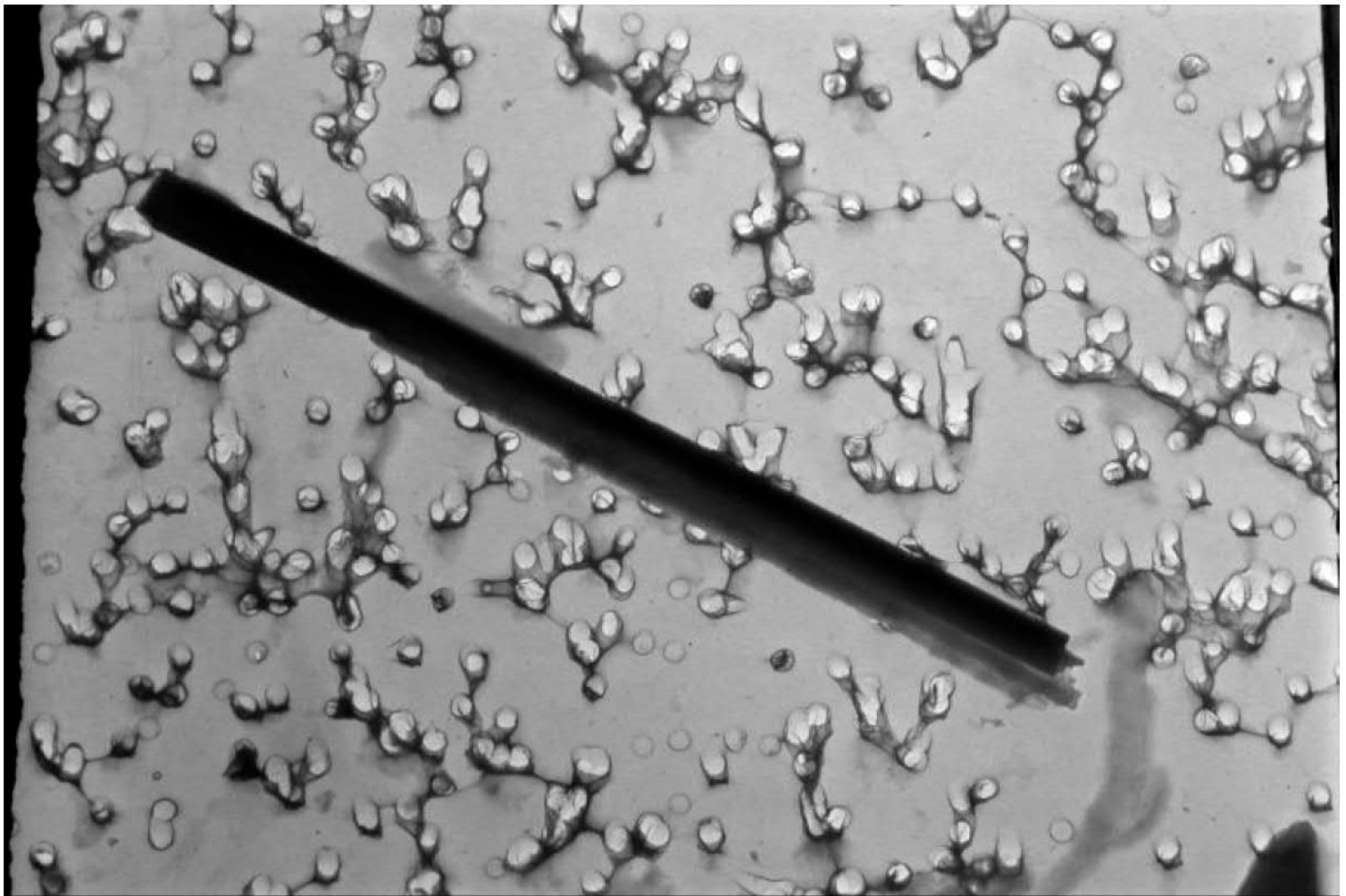
10/25/2018



41344

M68503-019-001 Anthophyllite Diffraction 2 @ 50cm

10/27/2018



41323

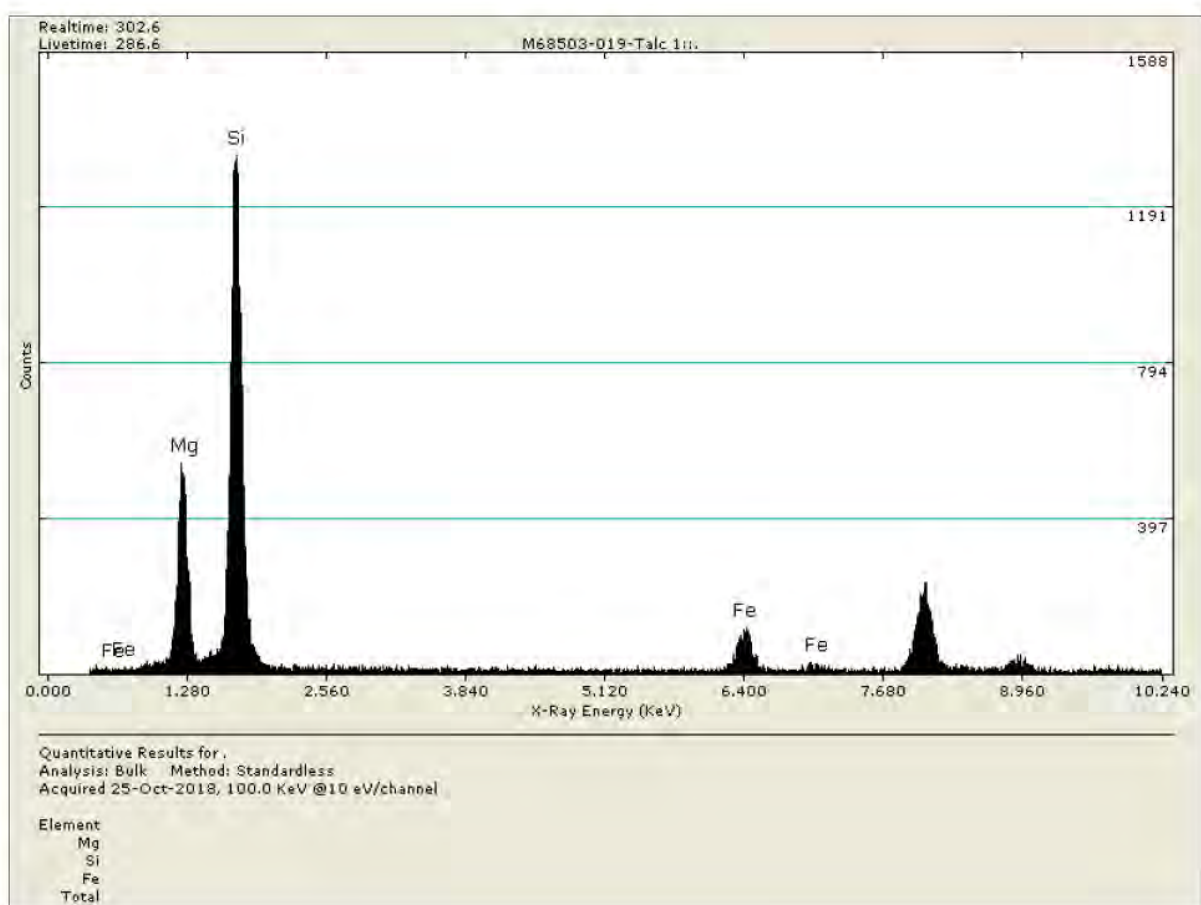
M68503-019-001 Anthophyllite ( 20.0um x 1.0um )

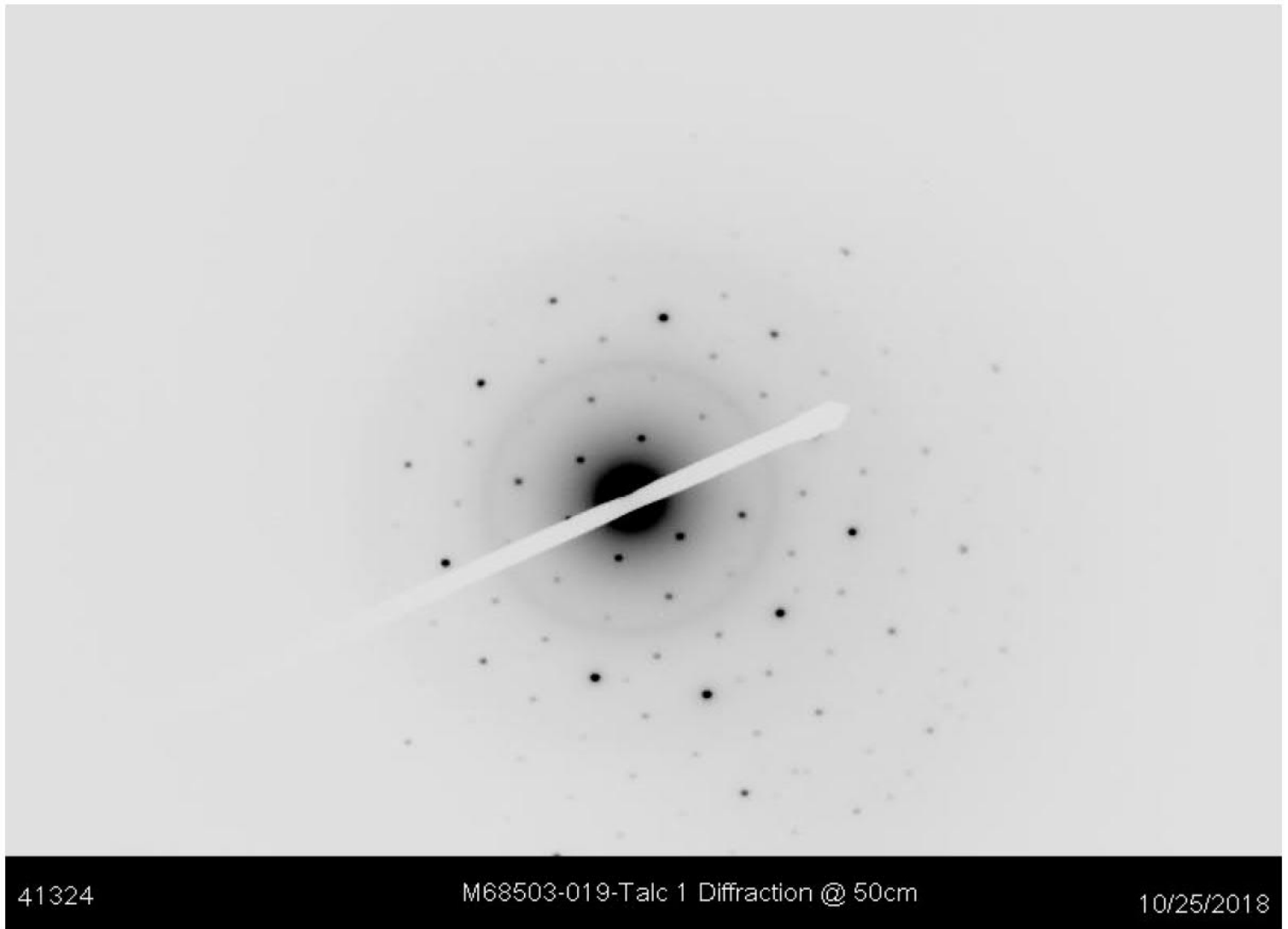
10/25/2018

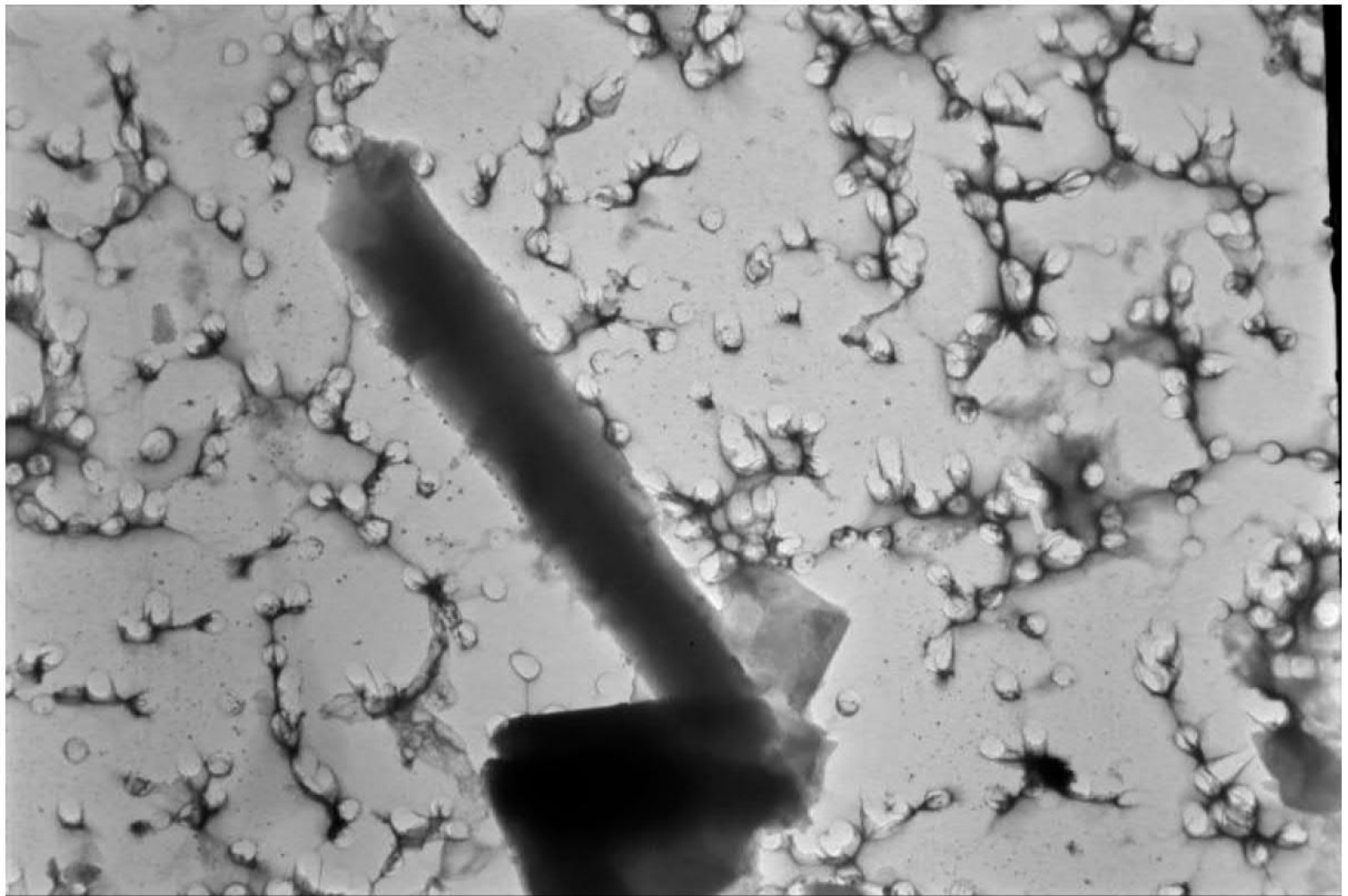


TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-019		Grid Box #	8631	No. of Grids Counted	2
Analyst:	Mehrdad Motamedi			Length	Width	G.O. Area
Date of Analysis	10/24/2018-10/25/2018		G. O. in microns =	105	105	105
Initial Weight(g)	0.02042			105	105	105
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
4	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
TALC 1	C3-H2	Fibrous Talc	15.5	2	7.8	Fibrous talc observed	







41325

M68503-019-Talc 1 ( 15.5um x 2.0um )

10/25/2018

# **Section 11**



**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M69042 - 003 **Analyst** Paul Hess **Date** 10/12/2018  
**ClientName** LEVY & KONIGSBERG **ClientSpl** 20180056-31D  
**Location** \_\_\_\_\_  
**Type\_Mat** Johnson & Johnson Talcum Powder  
**Gross** Off-white powder **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

<b>Morphology</b>			
<b>Pleochroism</b>			
<b>Refract Index</b>			
<b>Sign^</b>			
<b>Extinction</b>			
<b>Birefringence</b>			
<b>Melt</b>			
<b>Fiber Name</b>			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**OTHER FIBROUS COMPONENTS**

Talc -B/Y DS in 1.55  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\*\*\*  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

Opagues  
 Talc  
 Mineral grains  
 \_\_\_\_\_

X  
 X  
 X  
 \_\_\_\_\_

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected.\*\*\* Moderate amount Fibrous talc observed.  
 \_\_\_\_\_  
 \_\_\_\_\_

The method detection limit is 1% unless otherwise stated.

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M69042 - 003BL **Analyst** Paul Hess **Date** 10/15/2018  
**ClientName** LEVY & KONIGSBERG **ClientSpl** 20180056-31D  
**Location** \_\_\_\_\_  
**Type\_Mat** Johnson & Johnson Talcum Powder  
**Gross** White debris on slide **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

<b>Morphology</b>			
<b>Pleochroism</b>			
<b>Refract Index</b>			
<b>Sign^</b>			
<b>Extinction</b>			
<b>Birefringence</b>			
<b>Melt</b>			
<b>Fiber Name</b>			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

\_\_\_\_\_  
 Opaques \_\_\_\_\_ X  
 Talc \_\_\_\_\_ X  
 Mineral grains \_\_\_\_\_ X  
 \_\_\_\_\_

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected.  
 \_\_\_\_\_  
 \_\_\_\_\_

The method detection limit is 1% unless otherwise stated.

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69042-003		Grid Box #	8621	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	9/28/2018 - 10/1/2018 & 10/27/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02025			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	A2-A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
1	A8	Bundle	Tremolite	4.52	0.44	10.3	X	X
NSD	A9							
NSD	A10							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D6							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							



TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69042-003		Grid Box #	8621	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	9/28/2018 - 10/1/2018 & 10/27/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02025			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm <sup>2</sup>			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	A1-B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	F1							
NSD	F2							
2	F3	Bundle	Anthophyllite	3.4	0.42	8.1	X	X
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							
NSD	H1							
NSD	H2							
NSD	H3							
NSD	H4							
NSD	H5							
NSD	H6							
NSD	H7							
NSD	H8							
NSD	H9							
NSD	H10							
NSD	I1							
NSD	I2							
NSD	I3							
NSD	I4							
NSD	I5							
NSD	I6							
NSD	I7							
NSD	I8							
NSD	I9							
NSD	I10							
NSD	J3							

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69042-003		Grid Box #	8621	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	9/28/2018 - 10/1/2018 & 10/27/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02025			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

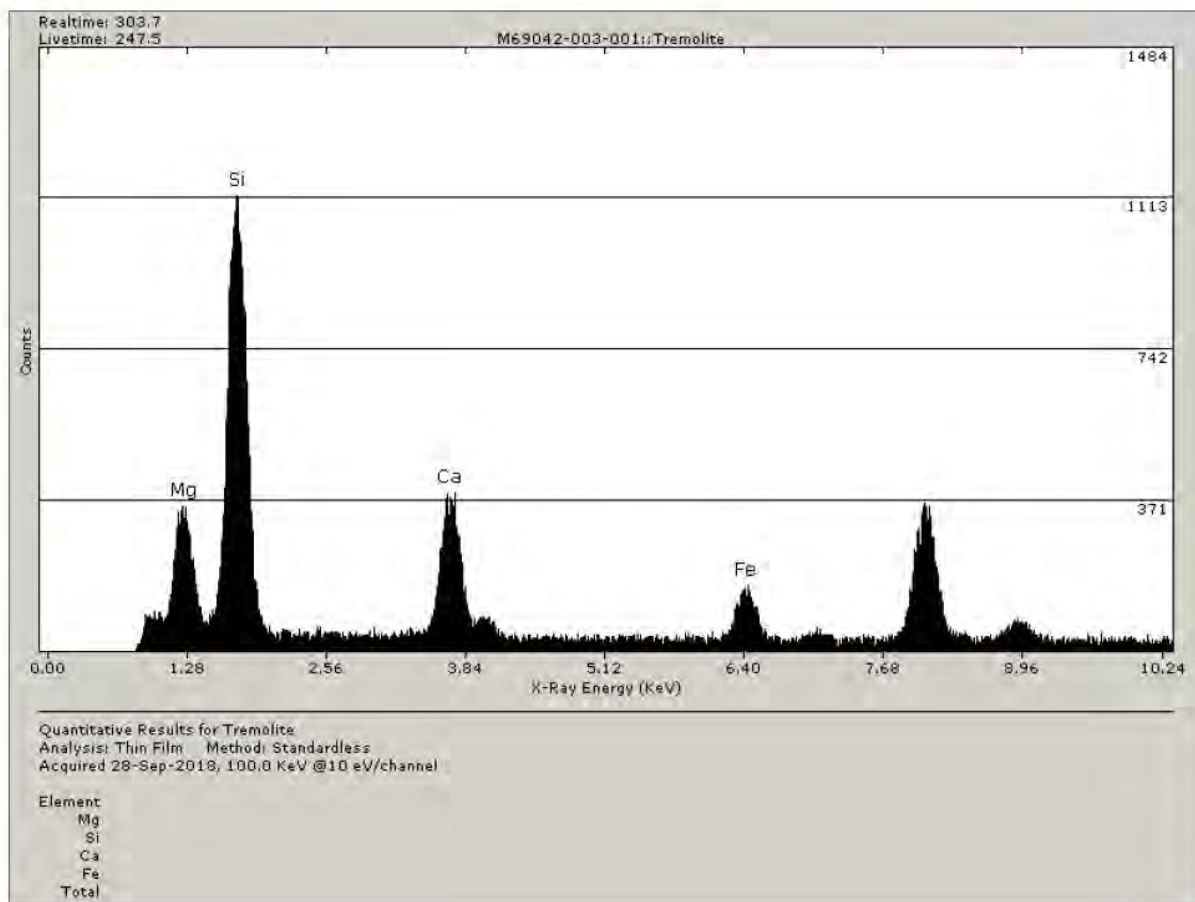
Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
--------	--------------	-----------	------------------	--------	-------	-------	------	-----

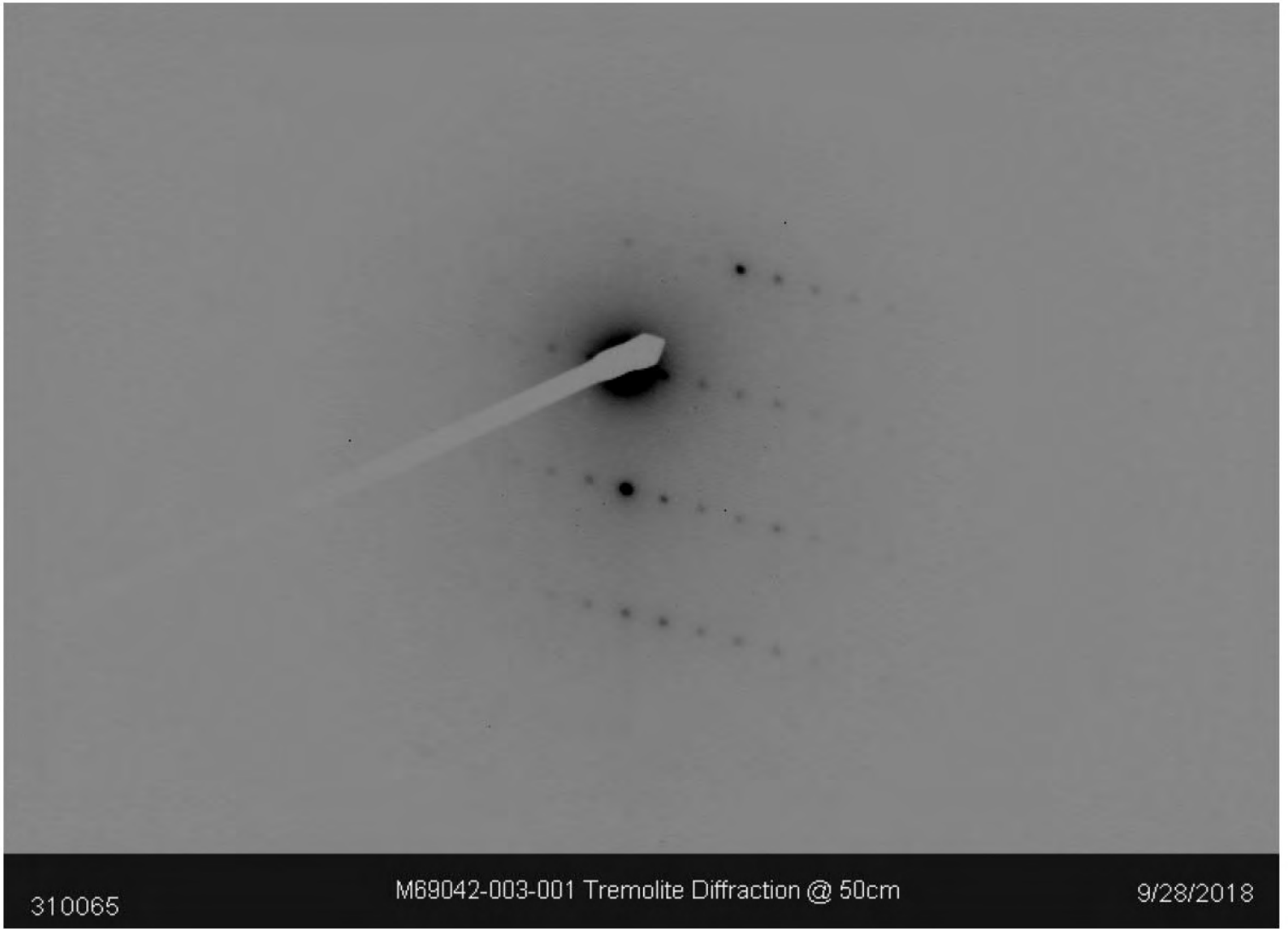
Org. Sample Wt.	Sample Wt.	
	Post HL Separation	
0.02025	0.02025	g
Percent of Orig. Post Separation	100	(%)

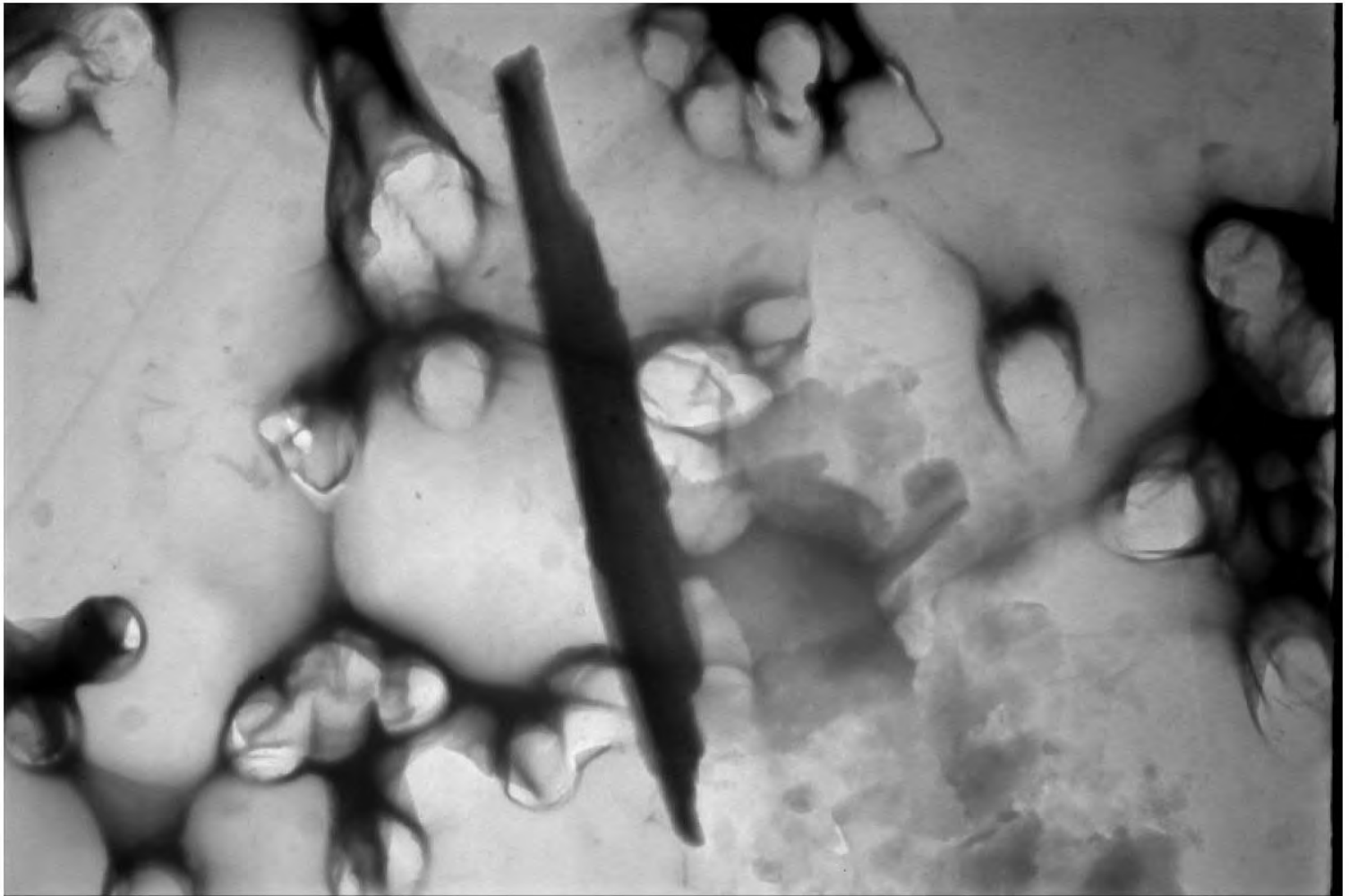
Wt. Of Sample Analyzed Filter size Number of Structures Counted <b>Structures per Gram of Sample</b>	0.00011102		g
	201.1		mm²
	2		Str.
	1.80E+04		Str./g

Detection Limit	9.01E+03	Str./g
Analytical Sensitivity	9.01E+03	Str./g





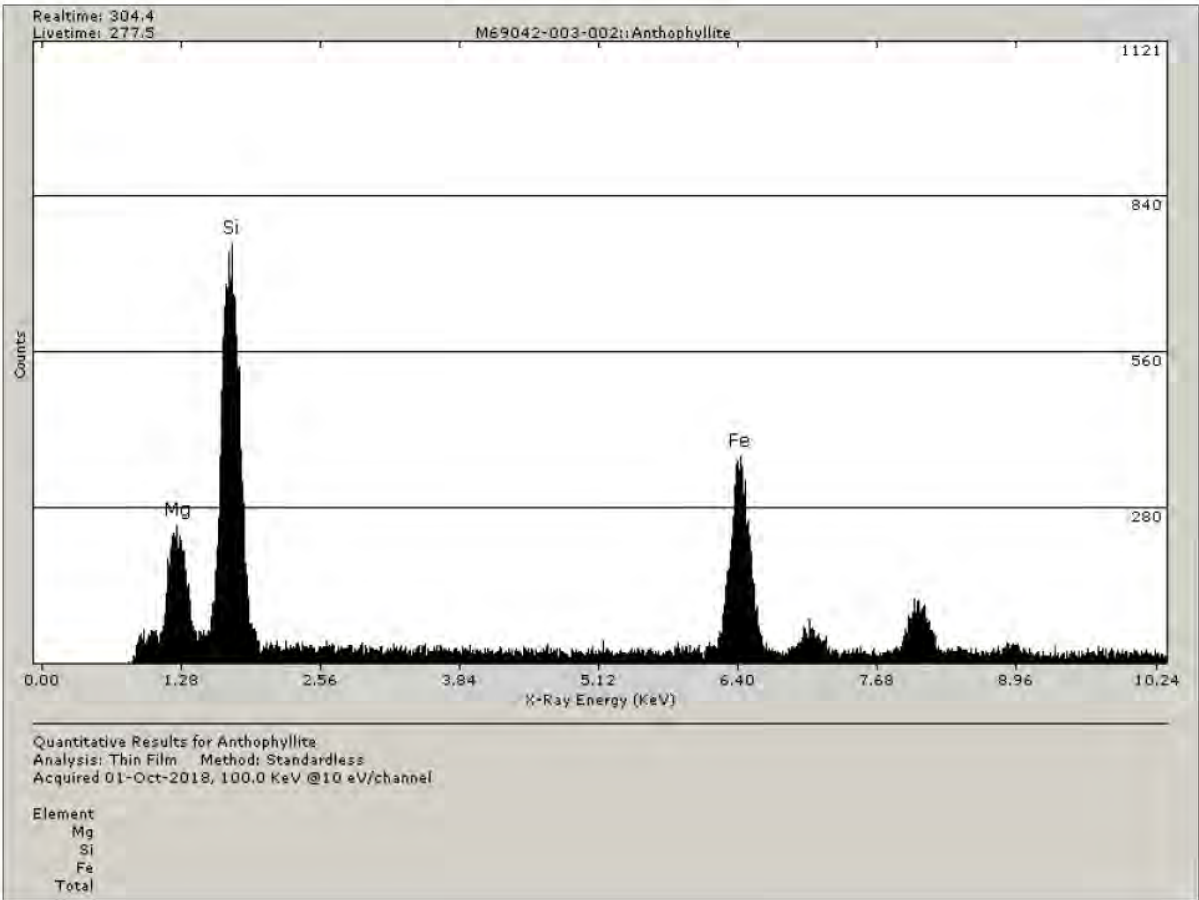


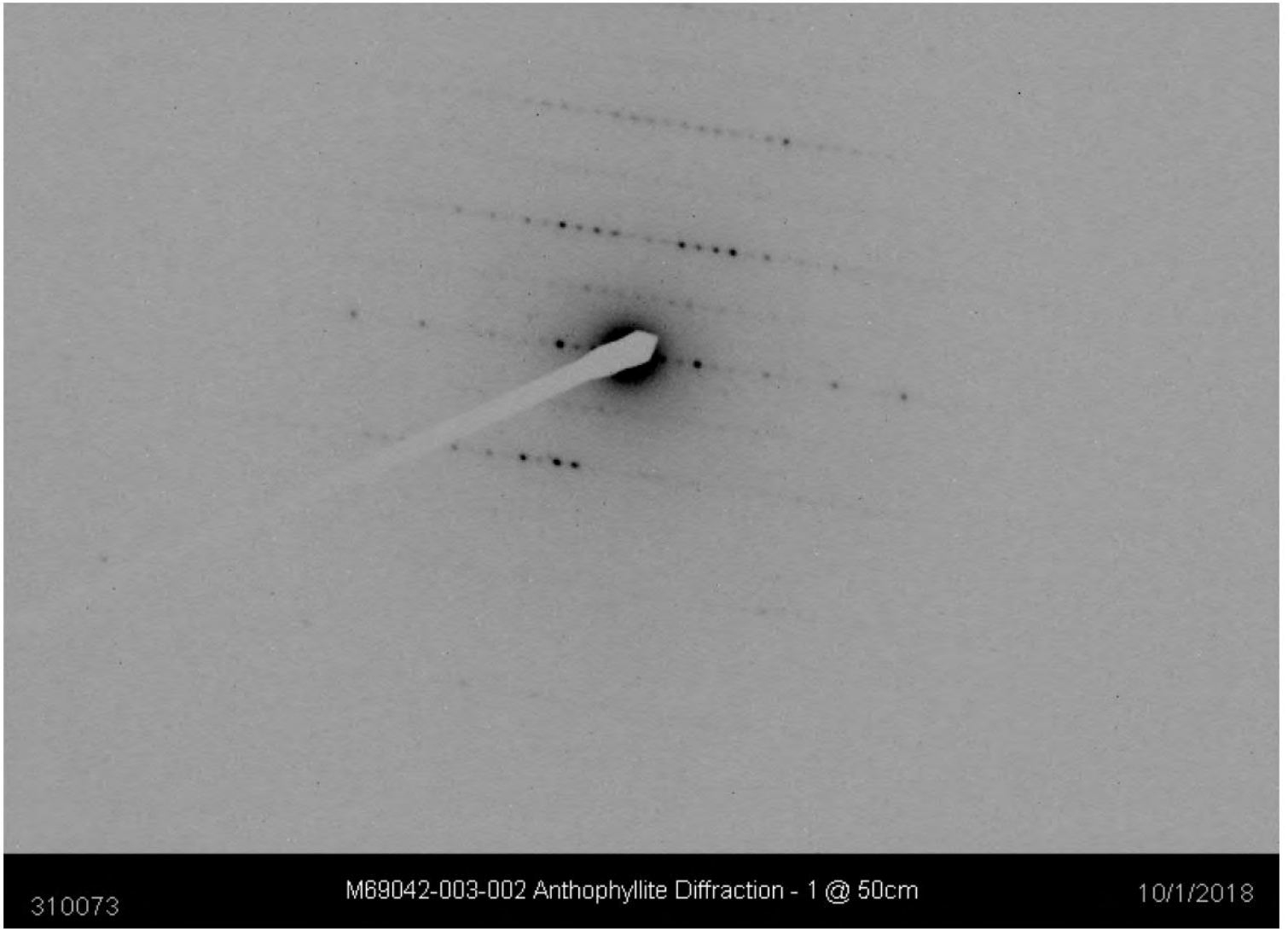


310066

M69042-003-001 Tremolite ( 4.52 um x 0.44 um )

9/28/2018



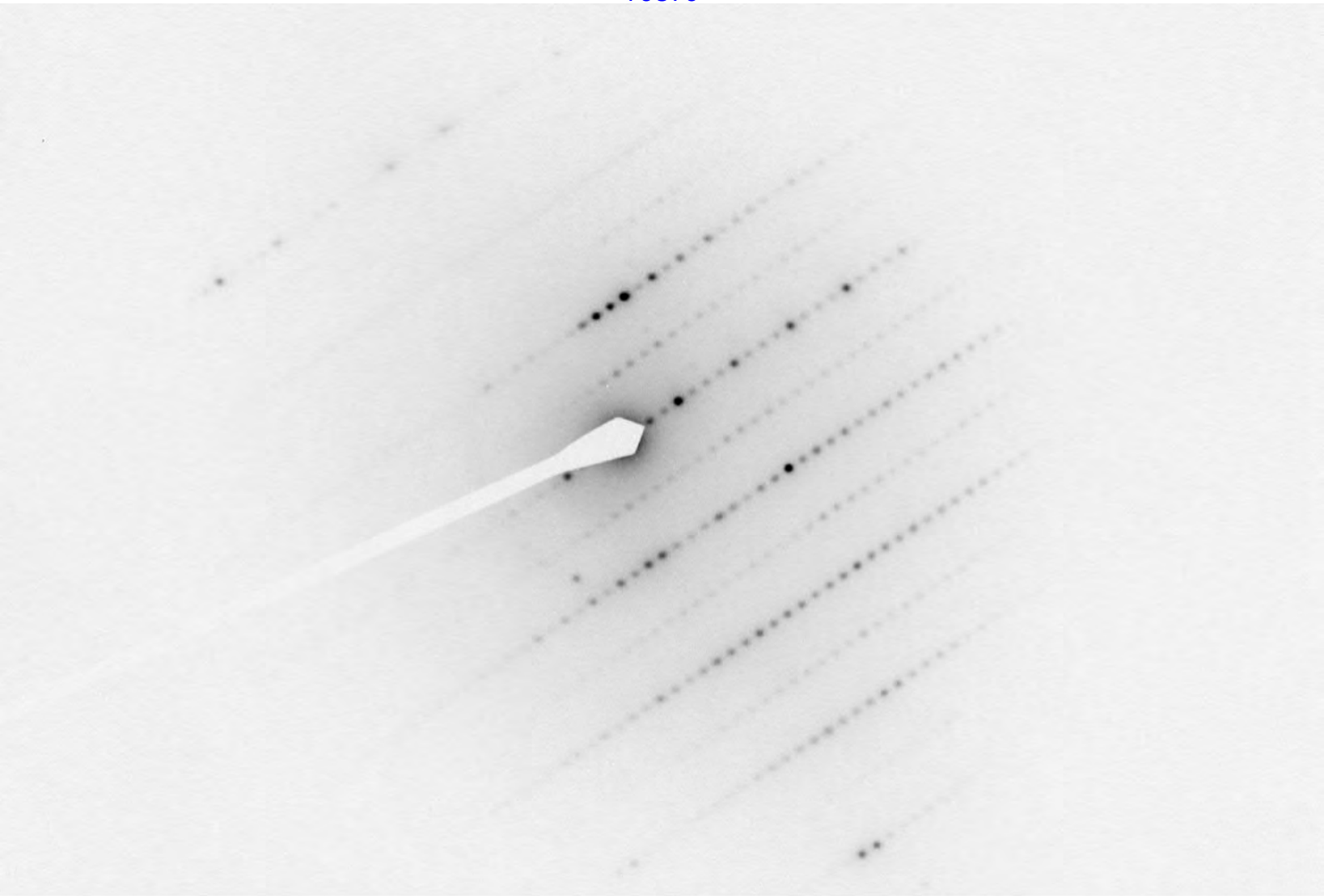


310073

M69042-003-002 Anthophyllite Diffraction - 1 @ 50cm

10/1/2018

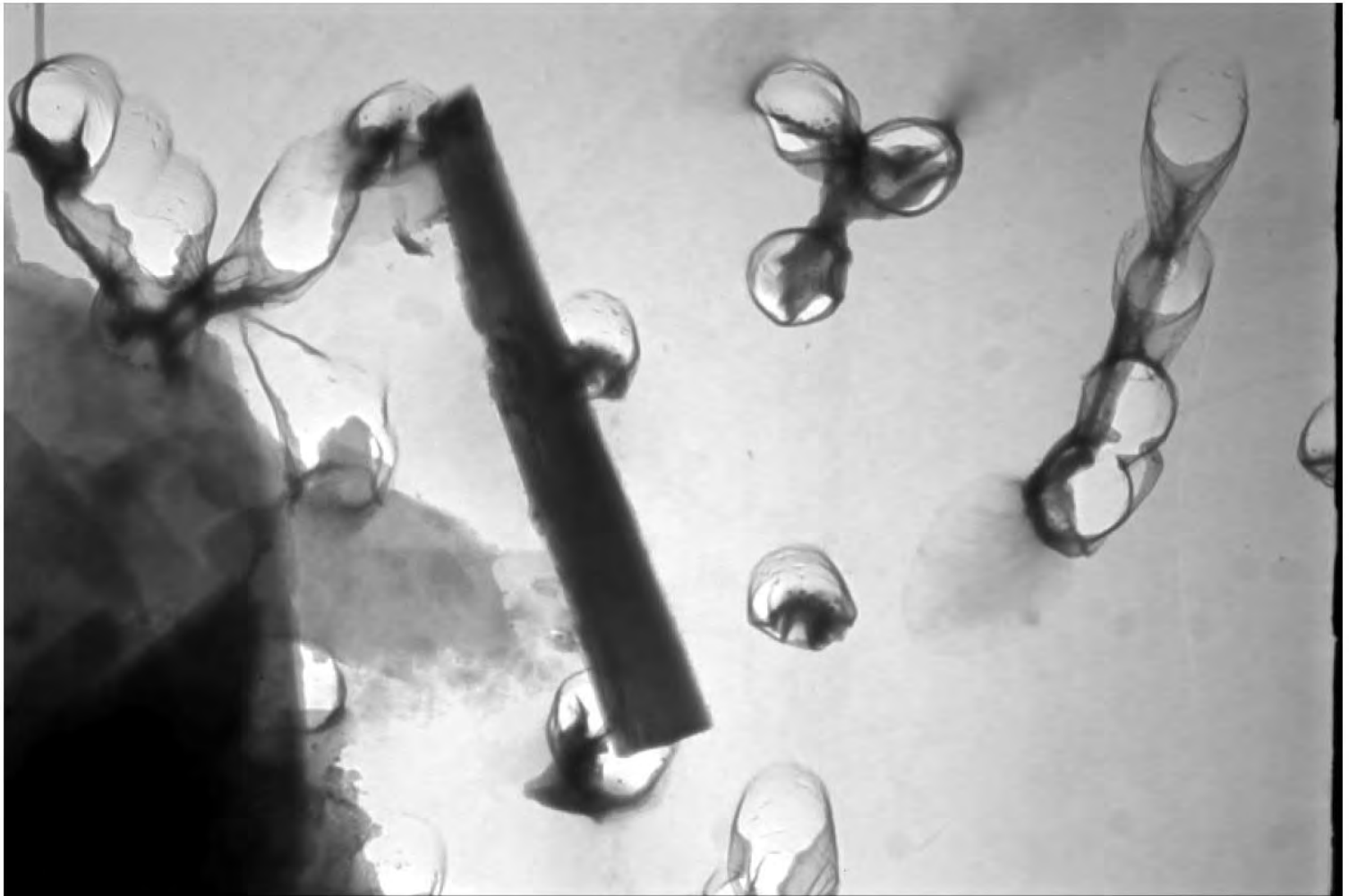




2 4799

M69042-003-002 Anthophyllite Diffraction - 2 @ 50cm

10/27/2018



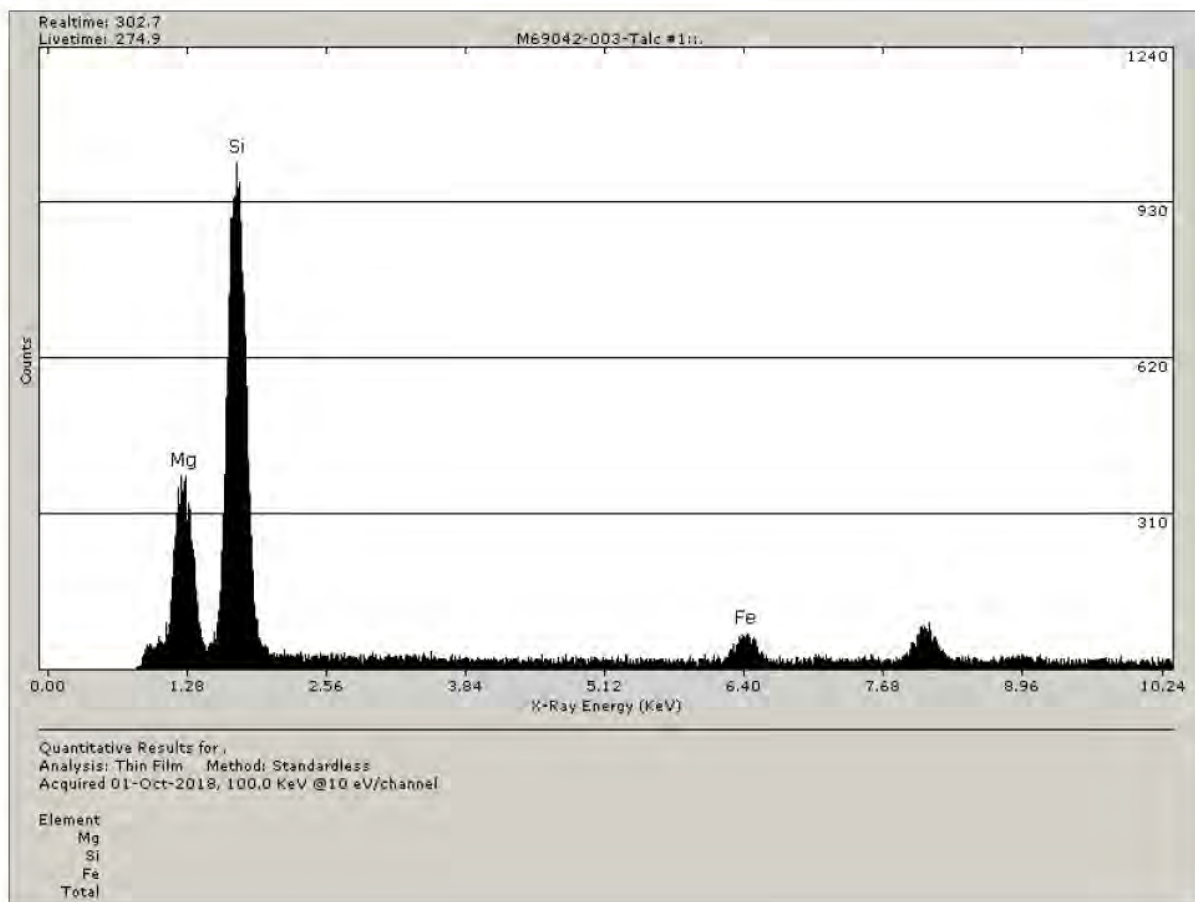
310075

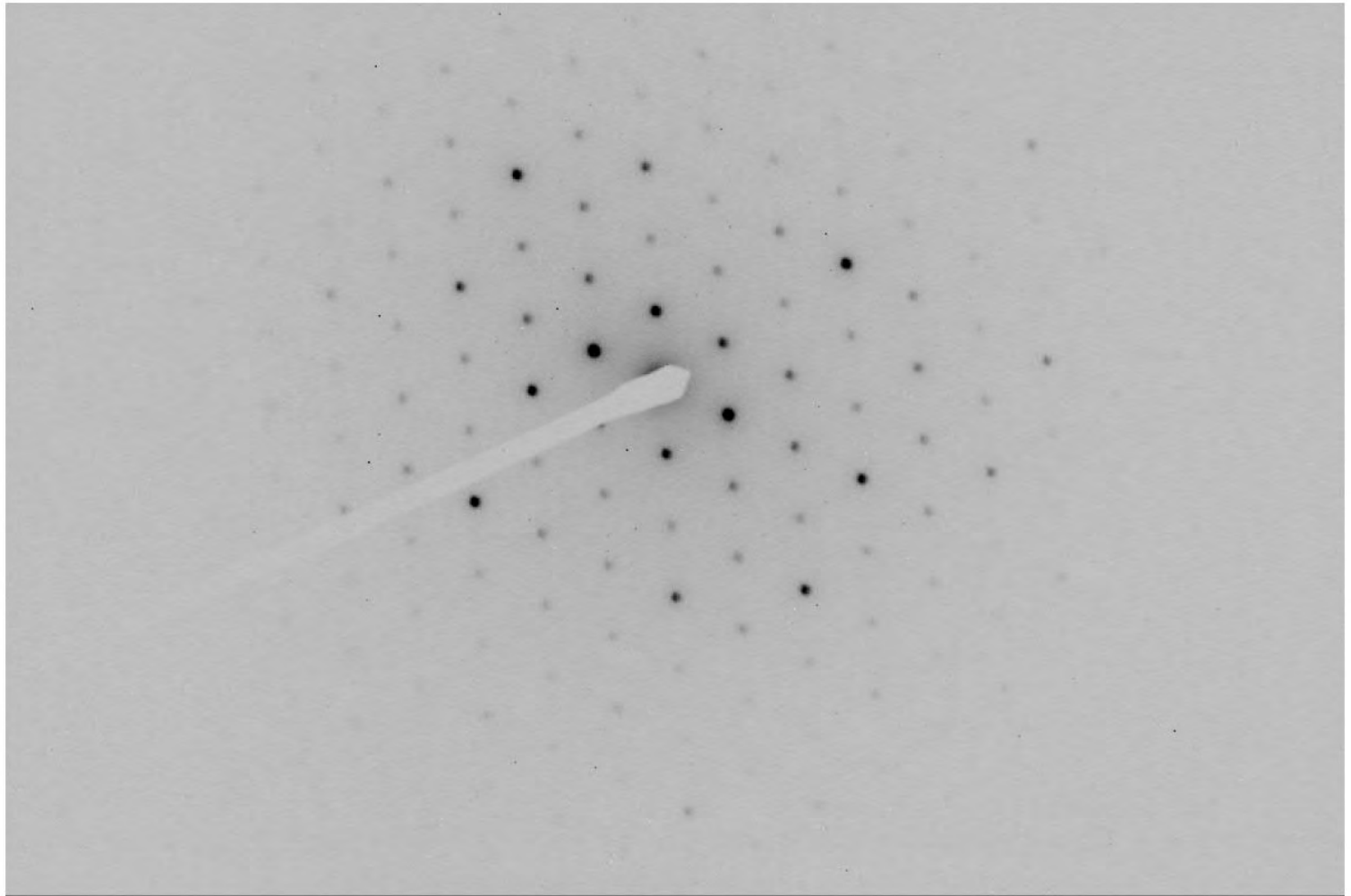
M69042-003-002 Anthophyllite ( 3.4 um x 0.42 um )

10/1/2018

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69042-003		Grid Box #	8621	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G.O. Area
Date of Analysis	9/28/2018 - 10/1/2018 & 10/27/2018		G. O. in microns =	105	105	105
Initial Weight(g)	0.02025			105	105	105
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
Talc #1	A1-B5	Fibrous Talc	22.5	1.9	11.8	Fibrous talc observed Trace throughout	



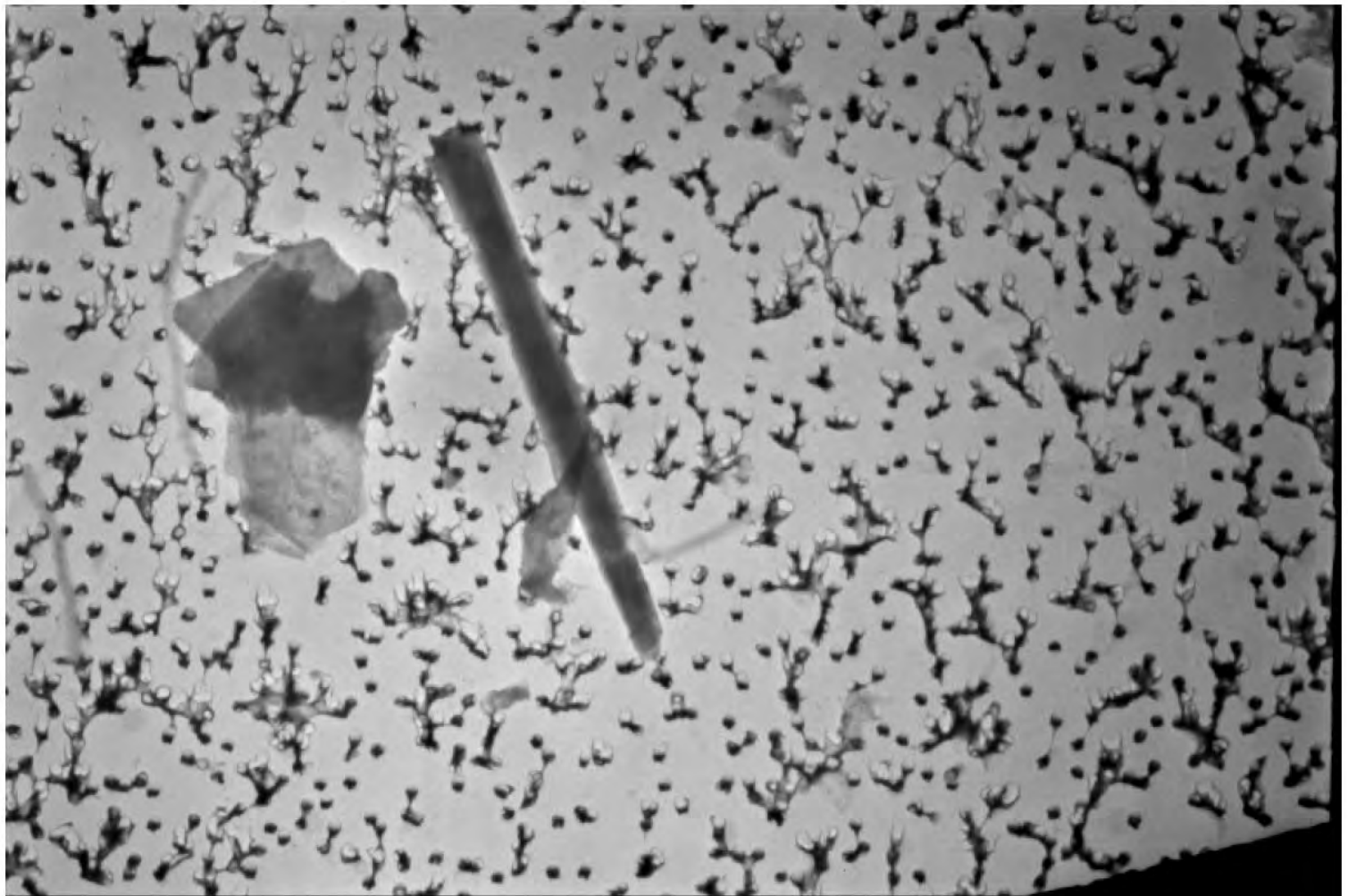


310068

M69042-003-Talc #1 Diffraction @ 50cm

10/1/2018





310069

M69042-003-Talc #1 ( 22.5 um x 1.9 um )

10/1/2018

## **Section 12**

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M69042 - 005 **Analyst** Paul Hess **Date** 10/12/2018  
**ClientName** LEVY & KONIGSBERG **ClientSpl** 20180060-25D  
**Location** \_\_\_\_\_  
**Type\_Mat** Johnson & Johnson Talcum Powder  
**Gross** Off-white powder **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

<b>Morphology</b>			
<b>Pleochroism</b>			
<b>Refract Index</b>			
<b>Sign^</b>			
<b>Extinction</b>			
<b>Birefringence</b>			
<b>Melt</b>			
<b>Fiber Name</b>			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

Talc -B/Y DS in 1.55  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

Opagues  
 Talc  
 Mineral grains

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected.\*\*\* Moderate amount Fibrous talc observed.

The method detection limit is 1% unless otherwise stated.

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M69042 - 005BL **Analyst** Paul Hess **Date** 10/15/2018  
**ClientName** LEVY & KONIGSBERG **ClientSpl** 20180060-25D  
**Location** \_\_\_\_\_  
**Type\_Mat** Johnson & Johnson Talcum Powder  
**Gross** White debris on slide **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

<b>Morphology</b>			
<b>Pleochroism</b>			
<b>Refract Index</b>			
<b>Sign^</b>			
<b>Extinction</b>			
<b>Birefringence</b>			
<b>Melt</b>			
<b>Fiber Name</b>			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

\_\_\_\_\_  
 Opaques X  
 Talc X  
 Mineral grains X  
 \_\_\_\_\_

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected.  
 \_\_\_\_\_  
 \_\_\_\_\_

The method detection limit is 1% unless otherwise stated.



TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69042-005		Grid Box #	8621	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	10/1/2018 -10/2/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02087			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	E1-A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	G1							
NSD	G2							
NSD	G3							
NSD	G4							
NSD	G5							
NSD	G6							
NSD	G7							
NSD	G8							
NSD	G9							
NSD	G10							
NSD	H1							
NSD	H2							
NSD	H3							
NSD	H4							
NSD	H5							
NSD	H6							
NSD	H7							
NSD	H8							
NSD	H9							
NSD	H10							
NSD	I1							
NSD	I2							



TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69042-005		Grid Box #	8621	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	10/1/2018 -10/2/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02087			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	D1-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69042-005		Grid Box #	8621	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	10/1/2018 -10/2/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02087			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
--------	--------------	-----------	------------------	--------	-------	-------	------	-----

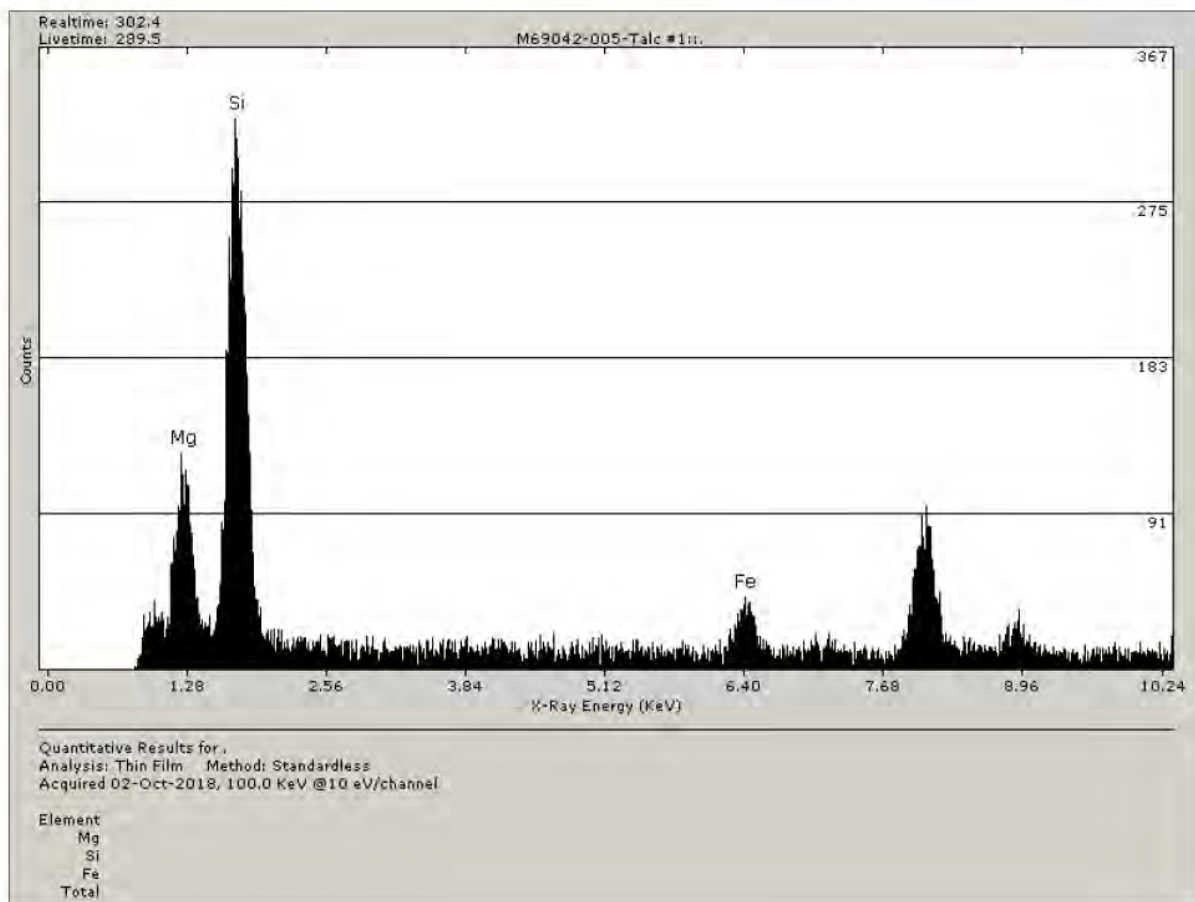
Org. Sample Wt.	Sample Wt. Post HL Separation
0.02087	0.02087 g
Percent of Orig. Post Separation	100 (%)

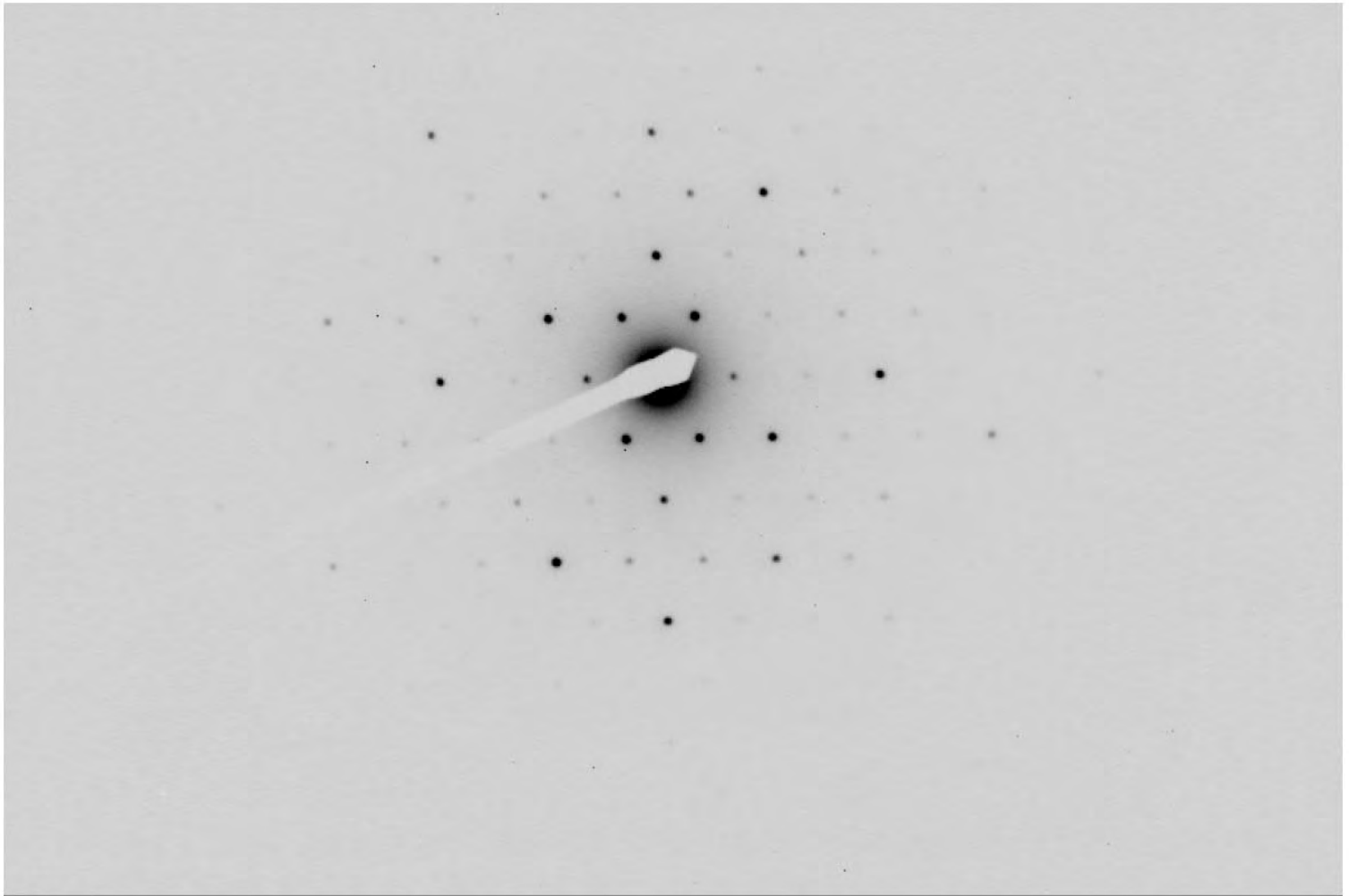
Wt. Of Sample Analyzed	0.00011442 g
Filter size	201.1 mm²
Number of Structures Counted	0 Str.
Structures per Gram of Sample	<8740 Str./g

Detection Limit	8.74E+03 Str./g
Analytical Sensitivity	8.74E+03 Str./g

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69042-005		Grid Box #	8621	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G.O. Area
Date of Analysis	10/1/2018 -10/2/2018		G. O. in microns =	105	105	105
Initial Weight(g)	0.02087			105	105	105
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
Talc #1	D1-A2	Fibrous Talc	5.9	0.4	14.8	Fibrous talc observed Trace throughout	



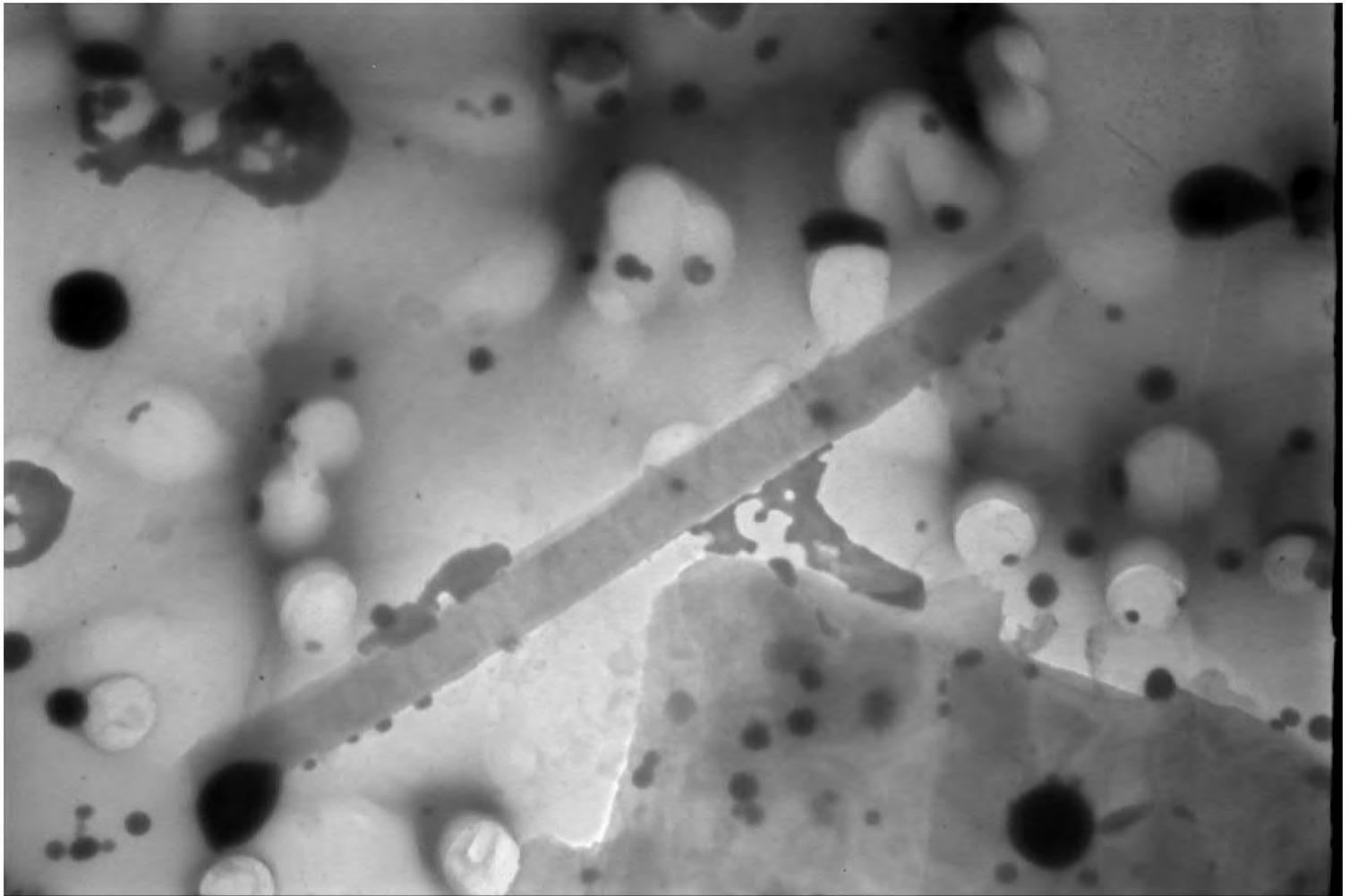


310082

M69042-005-Talc #1 Diffraction @ 50cm

10/2/2018





310084

M69042-005-Talc #1 ( 5.9 um x 0.40 um )

10/2/2018

## **Section 13**

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M69042 - 006 **Analyst** Paul Hess **Date** 10/12/2018  
**ClientName** LEVY & KONIGSBERG **ClientSpl** 20180060-49D  
**Location** \_\_\_\_\_  
**Type\_Mat** Johnson & Johnson Talcum Powder  
**Gross** Off-white powder **% of Sample** 100  
**Visual** \_\_\_\_\_  
 \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

<b>Morphology</b>			
<b>Pleochroism</b>			
<b>Refract Index</b>			
<b>Sign^</b>			
<b>Extinction</b>			
<b>Birefringence</b>			
<b>Melt</b>			
<b>Fiber Name</b>			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

Talc -B/Y DS in 1.55  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

Opagues  
 Talc  
 Mineral grains

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected.\*\*\* Moderate amount Fibrous talc observed.  
 \_\_\_\_\_  
 \_\_\_\_\_

The method detection limit is 1% unless otherwise stated.

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M69042 - 006BL **Analyst** Paul Hess **Date** 10/15/2018  
**ClientName** LEVY & KONIGSBERG **ClientSpl** 20180060-49D  
**Location** \_\_\_\_\_  
**Type\_Mat** Johnson & Johnson Talcum Powder  
**Gross** White debris on slide **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

<b>Morphology</b>			
<b>Pleochroism</b>			
<b>Refract Index</b>			
<b>Sign^</b>			
<b>Extinction</b>			
<b>Birefringence</b>			
<b>Melt</b>			
<b>Fiber Name</b>			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**OTHER FIBROUS COMPONENTS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

\_\_\_\_\_  
 Opaques  
 Talc  
 Mineral grains  
 \_\_\_\_\_

\_\_\_\_\_  
 X  
 X  
 X  
 \_\_\_\_\_

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected.  
 \_\_\_\_\_  
 \_\_\_\_\_

The method detection limit is 1% unless otherwise stated.

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69042-006		Grid Box #	8633	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	10/17/2018 - 10/18/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.03075			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	D6-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F4							



TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69042-006		Grid Box #	8633	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	10/17/2018 - 10/18/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.03075			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	B1-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69042-006		Grid Box #	8633	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	10/17/2018 - 10/18/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.03075			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
--------	--------------	-----------	------------------	--------	-------	-------	------	-----

Org. Sample Wt.	Sample Wt.	
	Post HL Separation	
0.03075	0.03075	g
Percent of Orig. Post Separation	100	(%)

Wt. Of Sample Analyzed Filter size Number of Structures Counted <b>Structures per Gram of Sample</b>		
	0.00016858	g
	201.1	mm <sup>2</sup>
	0	Str.
	<5932	Str./g

Detection Limit	5.93E+03	Str./g
Analytical Sensitivity	5.93E+03	Str./g

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69042-006		Grid Box #	8633	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G.O. Area
Date of Analysis	10/17/2018 - 10/18/2018		G. O. in microns =	105	105	105
Initial Weight(g)	0.03075			105	105	105
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
NSD	D6-A1					No fibrous talc observed	

## **Section 14**

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M69042 - 007 **Analyst** Paul Hess **Date** 10/12/2018  
**ClientName** LEVY & KONIGSBERG **ClientSpl** 20180060-50D  
**Location** \_\_\_\_\_  
**Type\_Mat** Johnson & Johnson Talcum Powder  
**Gross** Off-white powder **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

<b>Morphology</b>			
<b>Pleochroism</b>			
<b>Refract Index</b>			
<b>Sign^</b>			
<b>Extinction</b>			
<b>Birefringence</b>			
<b>Melt</b>			
<b>Fiber Name</b>			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

Talc -B/Y DS in 1.55  
 \*\*\*  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

Opagues	X
Talc	X
Mineral grains	X
	X

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected.\*\*\* Moderate amount Fibrous talc observed.

The method detection limit is 1% unless otherwise stated.



**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M69042 - 007BL **Analyst** Paul Hess **Date** 10/15/2018  
**ClientName** LEVY & KONIGSBERG **ClientSpl** 20180060-50D  
**Location** \_\_\_\_\_  
**Type\_Mat** Johnson & Johnson Talcum Powder  
**Gross** White debris on slide **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

<b>Morphology</b>			
<b>Pleochroism</b>			
<b>Refract Index</b>			
<b>Sign^</b>			
<b>Extinction</b>			
<b>Birefringence</b>			
<b>Melt</b>			
<b>Fiber Name</b>			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

\_\_\_\_\_  
 Opaques X  
 Talc X  
 Mineral grains X  
 \_\_\_\_\_

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected.  
 \_\_\_\_\_  
 \_\_\_\_\_

The method detection limit is 1% unless otherwise stated.

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69042-007		Grid Box #	8633	No. of Grids Counted	2
Analyst:	Jose Carrillo			Length	Width	G. O. Area
Date of Analysis	10/18/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.03076			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
1	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	B9-J2							
NSD	J3							
NSD	J4							
NSD	J5							
NSD	J6							
NSD	J7							
NSD	J8							
NSD	J9							
NSD	J10							
NSD	I1							
NSD	I2							
NSD	I3							
NSD	I4							
NSD	I5							
NSD	I6							
NSD	I7							
NSD	I8							
NSD	I9							
NSD	I10							
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	C10							

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69042-007		Grid Box #	8633	No. of Grids Counted	2
Analyst:	Jose Carrillo			Length	Width	G. O. Area
Date of Analysis	10/18/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.03076			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
1	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	B8-J1							
NSD	J2							
NSD	J3							
NSD	J4							
NSD	J5							
NSD	J6							
NSD	J7							
NSD	J8							
NSD	J9							
NSD	J10							
NSD	I5							
NSD	I6							
NSD	I7							
NSD	I8							
NSD	I9							
NSD	I10							
NSD	G1							
NSD	G2							
NSD	G3							
NSD	G4							
NSD	G5							
NSD	G6							
NSD	G7							
NSD	G8							
NSD	G9							
NSD	G10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							



TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69042-007		Grid Box #	8633	No. of Grids Counted	2
Analyst:	Jose Carrillo			Length	Width	G. O. Area
Date of Analysis	10/18/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.03076			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
1	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
--------	--------------	-----------	------------------	--------	-------	-------	------	-----

Org. Sample Wt.	Sample Wt.	
	Post HL Separation	
0.03076	0.03076	g
Percent of Orig. Post Separation	100	(%)

Wt. Of Sample Analyzed Filter size Number of Structures Counted <b>Structures per Gram of Sample</b>	0.00016864		g
	201.1		mm²
	0		Str.
	<5930		Str./g

Detection Limit	5.93E+03	Str./g
Analytical Sensitivity	5.93E+03	Str./g

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69042-007		Grid Box #	8633	No. of Grids Counted	2
Analyst:	Jose Carrillo			Length	Width	G.O. Area
Date of Analysis	10/18/2018		G. O. in microns =	105	105	105
Initial Weight(g)	0.03076			105	105	105
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
1	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
NSD	B9-J2					No Fibrous Talc Observed	



## **Section 15**

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M68503 - 038ISO **Analyst** Paul Hess **Date** 10/28/2018  
**ClientName** Dept 14 Environmental **ClientSpl** 2018-0061-40A  
**Location** \_\_\_\_\_  
**Type\_Mat** Shower to Shower Body  
**Gross** Off-white powder **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

<b>Morphology</b>			
<b>Pleochroism</b>			
<b>Refract Index</b>			
<b>Sign^</b>			
<b>Extinction</b>			
<b>Birefringence</b>			
<b>Melt</b>			
<b>Fiber Name</b>			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

Talc -B/Y DS in 1.55  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

Opagues  
 Talc  
 Mineral grains

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected. \*\*\* Trace amount on fibrous Talc observed.

The method detection limit is 1% unless otherwise stated.

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M68503 - 038BL1 **Analyst** Paul Hess **Date** 10/22/2018  
**ClientName** Dept 14 Environmental **ClientSpl** 2018-0061-40A  
**Location** \_\_\_\_\_  
**Type\_Mat** Shower to Shower Body (100mg prep)  
**Gross** White debris on slide **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

Morphology			
Pleochroism			
Refract Index			
Sign^			
Extinction			
Birefringence			
Melt			
Fiber Name			

**ASBESTOS MINERALS**

**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....  
 Amosite.....  
 Crocidolite.....  
 Tremolite/Actinolite.....  
 Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NON FIBROUS COMPONENTS**

\_\_\_\_\_  
 Opaques \_\_\_\_\_ X  
 Talc \_\_\_\_\_ X  
 Mineral grains \_\_\_\_\_ X  
 \_\_\_\_\_

**Binder Description** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Comments** X = Materials detected.  
 \_\_\_\_\_  
 \_\_\_\_\_

The method detection limit is 1% unless otherwise stated.

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-038		Grid Box #	8632	No. of Grids Counted	2
Analyst:	Mehrddad Motamedi			Length	Width	G. O. Area
Date of Analysis	11/1/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.0599			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
4	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	B10-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							
NSD	H1							
NSD	H2							
NSD	H3							
NSD	H4							
NSD	H5							
NSD	H6							
NSD	H7							
NSD	H8							
NSD	H9							
NSD	H10							



TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-038		Grid Box #	8632	No. of Grids Counted	2
Analyst:	Mehrddad Motamedi			Length	Width	G. O. Area
Date of Analysis	11/1/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.0599			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
4	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	B9-J1							
NSD	J2							
NSD	J3							
NSD	J4							
NSD	J5							
NSD	J6							
NSD	J7							
NSD	J8							
NSD	J9							
NSD	J10							
NSD	H1							
NSD	H2							
NSD	H3							
NSD	H4							
NSD	H5							
NSD	H6							
NSD	H7							
NSD	H8							
NSD	H9							
NSD	H10							
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							



TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-038		Grid Box #	8632	No. of Grids Counted	2
Analyst:	Mehrdad Motamedi			Length	Width	G. O. Area
Date of Analysis	11/1/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.0599			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
4	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
--------	--------------	-----------	------------------	--------	-------	-------	------	-----

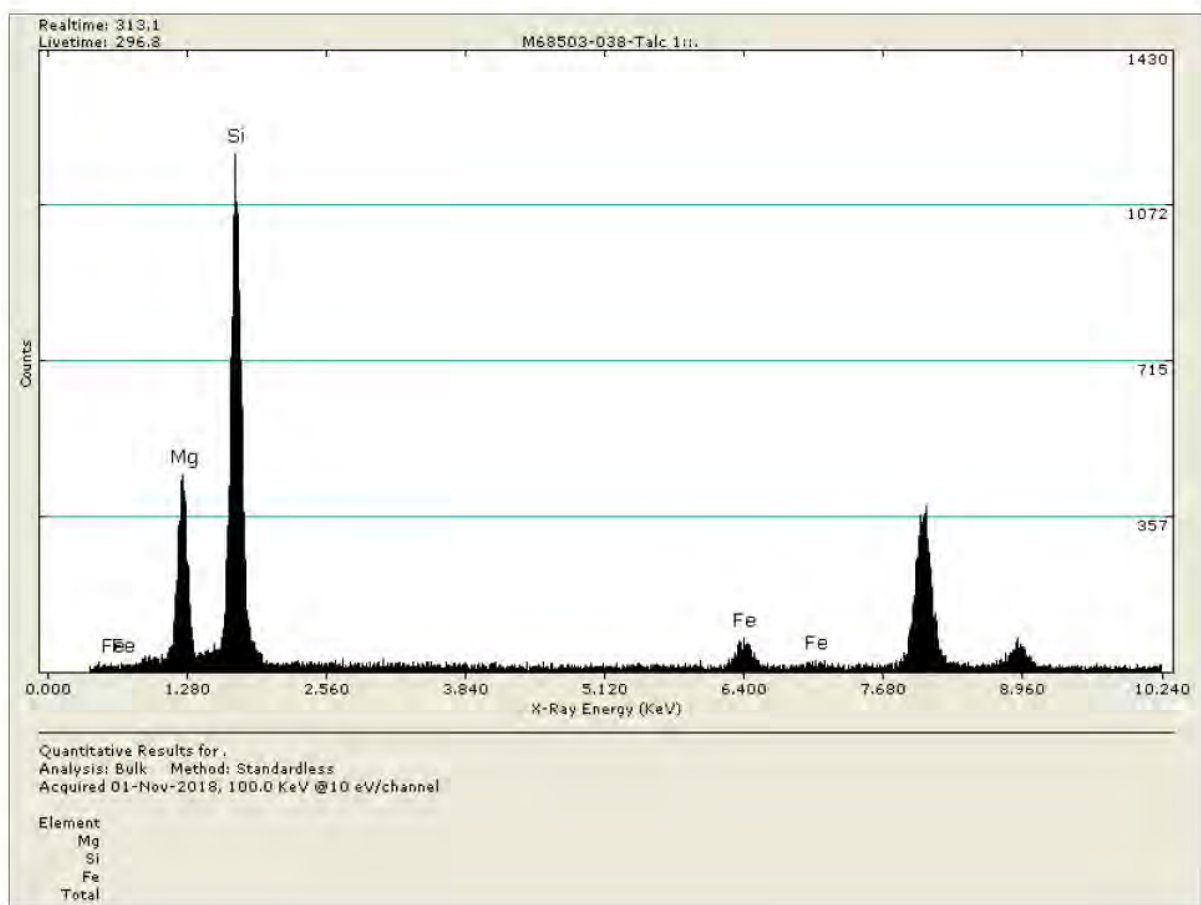
Org. Sample Wt.		Sample Wt. Post HL Separation
0.05990	0.05990	g
Percent of Orig. Post Separation	100	(%)

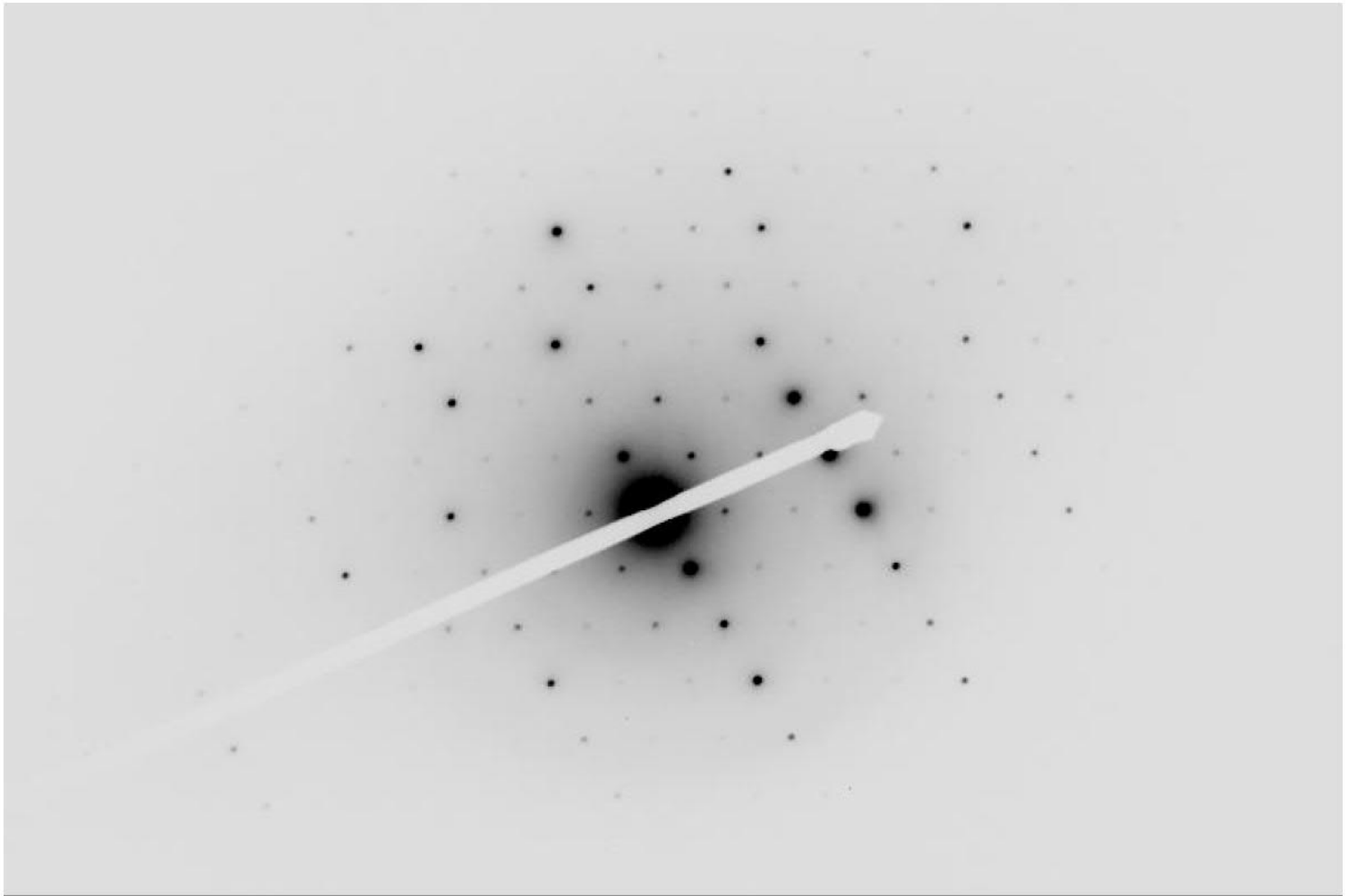
Wt. Of Sample Analyzed Filter size Number of Structures Counted <b>Structures per Gram of Sample</b>	0.00032839	g
	201.1	mm²
	0	Str.
	<3045	Str./g

Detection Limit	3.05E+03	Str./g
Analytical Sensitivity	3.05E+03	Str./g

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-038		Grid Box #	8632	No. of Grids Counted	2
Analyst:	Mehrdad Motamedi			Length	Width	G.O. Area
Date of Analysis	11/1/2018		G. O. in microns =	105	105	105
Initial Weight(g)	0.05990			105	105	105
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
4	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
Talc 1	B10-A1	Fibrous Talc	9	1	9.0	Fibrous talc observed Trace through out	

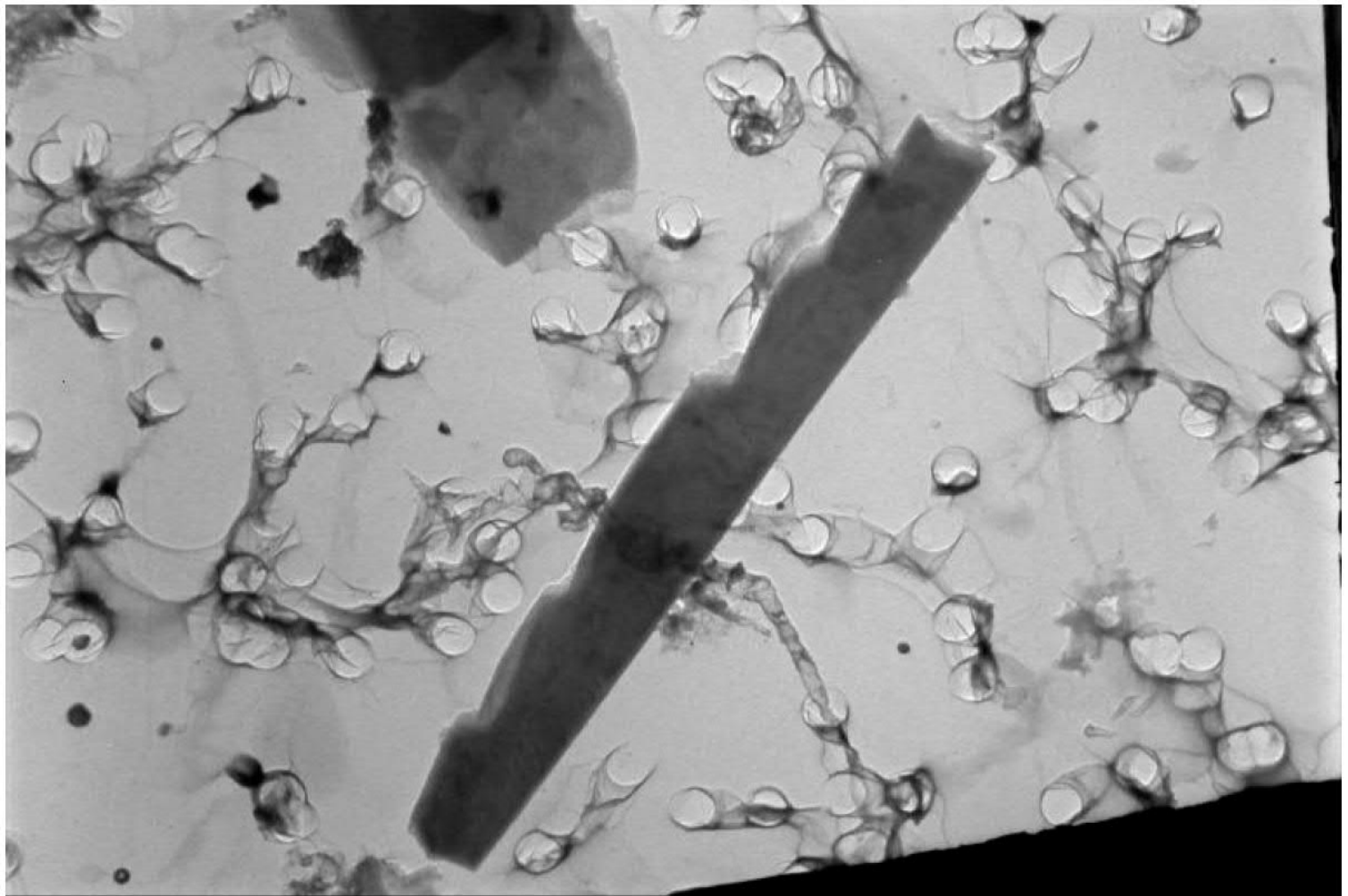




41418

M68503-038-Talc 1 Diffraction @ 50cm

11/1/2018



41419

M68503-038-Talc 1 ( 9.0um x 1.0um )

11/1/2018



## **Section 16**

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M68503 - 026ISO **Analyst** Paul Hess **Date** 10/28/2018  
**ClientName** Dept 14 Environmental **ClientSpl** 2018-0061-08A  
**Location** \_\_\_\_\_  
**Type\_Mat** Shower to Shower Body Powder  
**Gross** Off-white powder **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

<b>Morphology</b>	straight		
<b>Pleochroism</b>	none		
<b>Refract Index</b>	1.620/1.605		
<b>Sign^</b>	positive		
<b>Extinction</b>	oblique		
<b>Birefringence</b>	medium		
<b>Melt</b>	no		
<b>Fiber Name</b>	Tremolite/Actinolite		

**ASBESTOS MINERALS**

**EST. VOL. %**

Chrysotile.....  
Amosite.....  
Crocidolite.....  
Tremolite/Actinolite..... <0.1  
Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

Talc -B/Y DS in 1.55 \*\*\*  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NON FIBROUS COMPONENTS**

Opagues X  
Talc X  
Mineral grains X  
\_\_\_\_\_

**Binder Description** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Comments** Tremolite/Actinolite asbestos observed. Actinolite/Tremolite cleavage  
fragments/particles exhibiting <3-1 length to width ratio observed. \*\*\* Trace amount of  
fibrous Talc observed. X = Materials detected.

The method detection limit is 1% unless otherwise stated.

**MAS, LLC  
PLM ANALYSIS**

**Proj#-Spl#** M68503 - 026BL1 **Analyst** Paul Hess **Date** 10/24/2018  
**ClientName** Dept 14 Environmental **ClientSpl** 2018-0061-08A  
**Location** \_\_\_\_\_  
**Type\_Mat** Shower to Shower Body Powder (60mg prep)  
**Gross** White debris on slide **% of Sample** 100  
**Visual** \_\_\_\_\_

**OPTICAL DATA FOR ASBESTOS IDENTIFICATION**

<b>Morphology</b>	straight		
<b>Pleochroism</b>	none		
<b>Refract Index</b>	1.620/1.605		
<b>Sign^</b>	positive		
<b>Extinction</b>	oblique		
<b>Birefringence</b>	medium		
<b>Melt</b>	no		
<b>Fiber Name</b>	Tremolite/Actinolite		

**ASBESTOS MINERALS**

**EST. VOL. %**

Chrysotile.....  
Amosite.....  
Crocidolite.....  
Tremolite/Actinolite..... <0.1  
Anthophyllite.....

**OTHER FIBROUS COMPONENTS**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NON FIBROUS COMPONENTS**

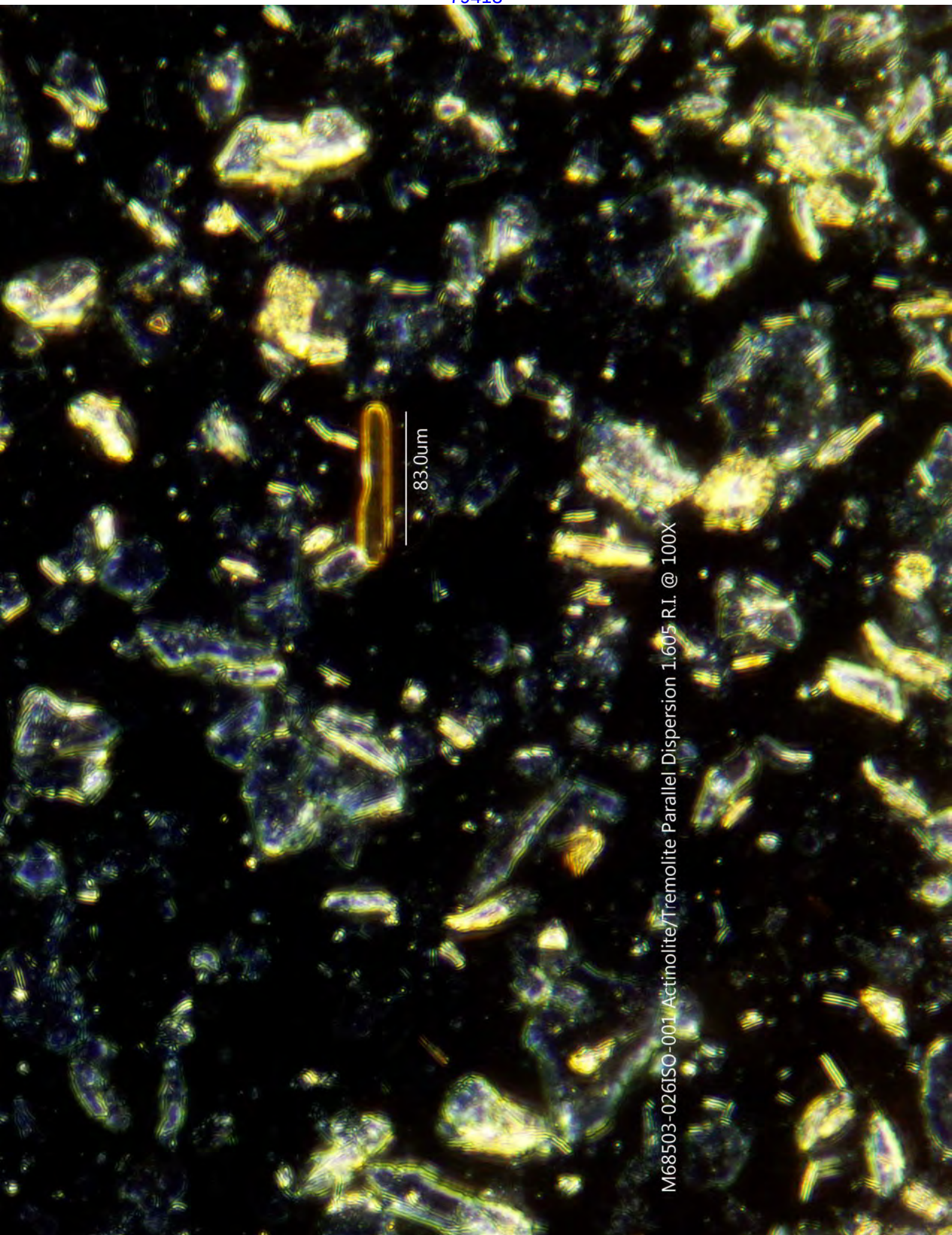
Opagues  
Talc  
Mineral grains

**Binder Description** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Comments** Tremolite/Actinolite asbestos observed. Actinolite/Tremolite cleavage  
fragments/particles exhibiting <3-1 length to width ratio observed. X = Materials  
detected.

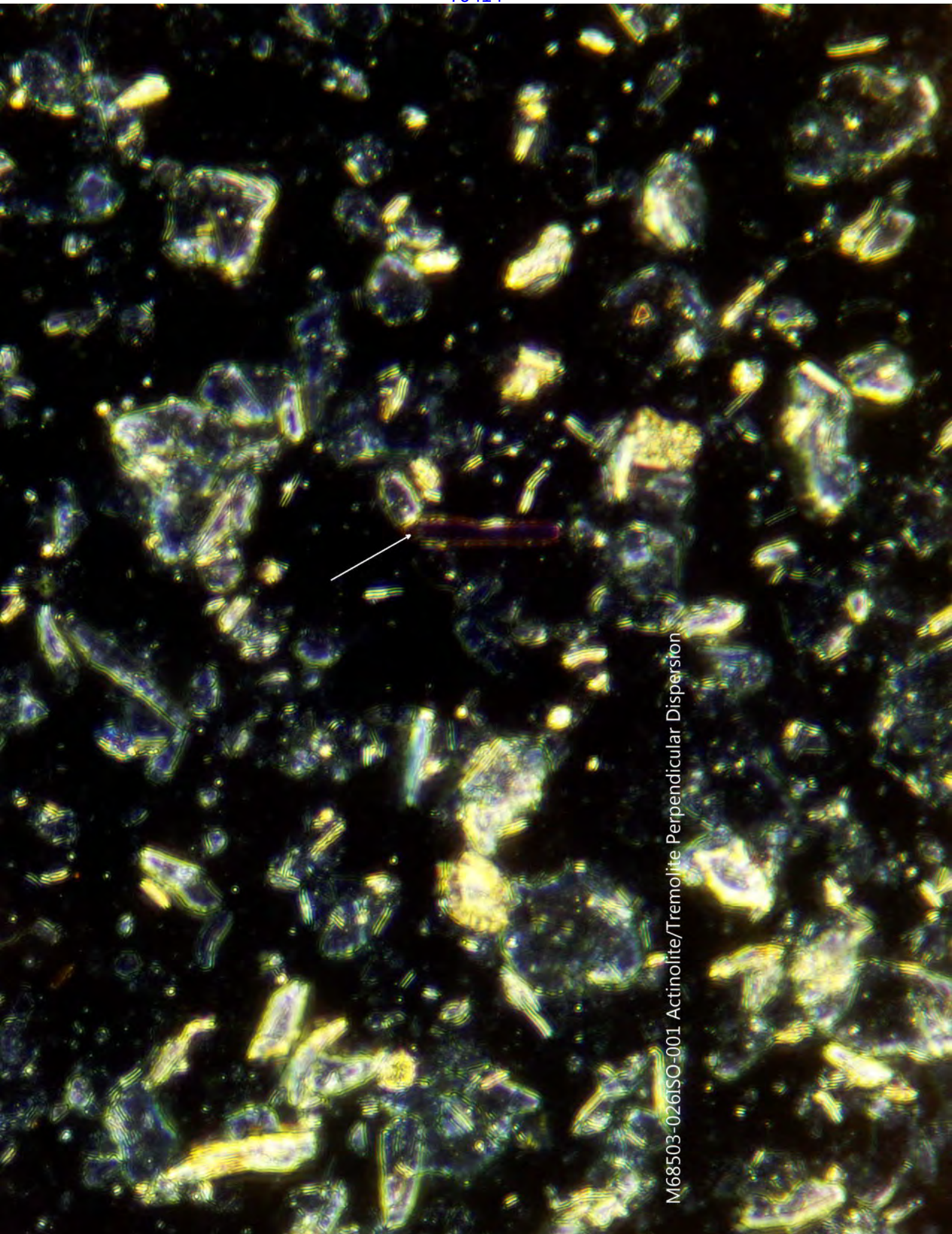
The method detection limit is 1% unless otherwise stated.





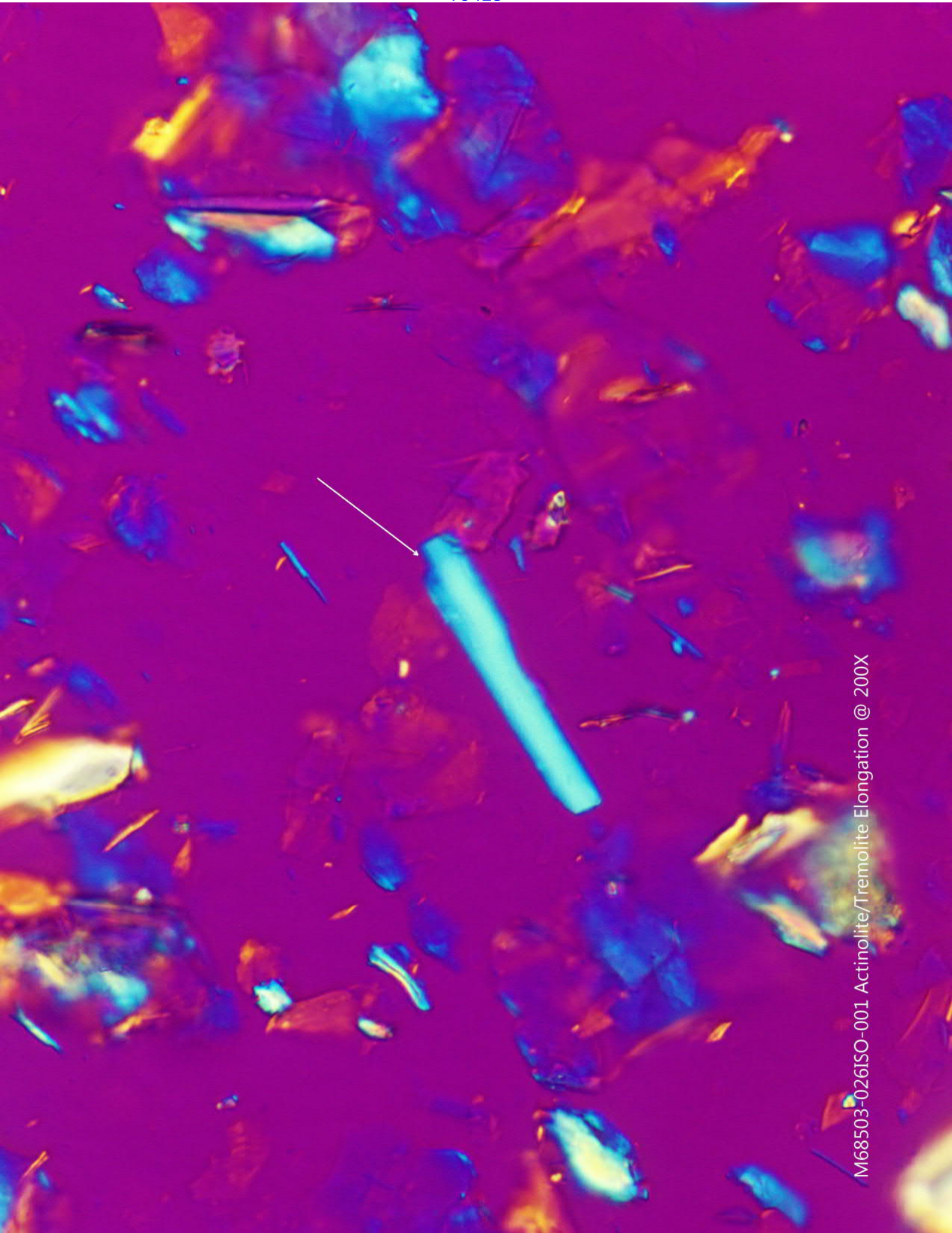
M68503-026ISO-001 Actinolite/Tremolite Parallel Dispersion 1.605 R.I. @ 100X





M68503-026ISO-001 Actinolite/Tremolite Perpendicular Dispersion

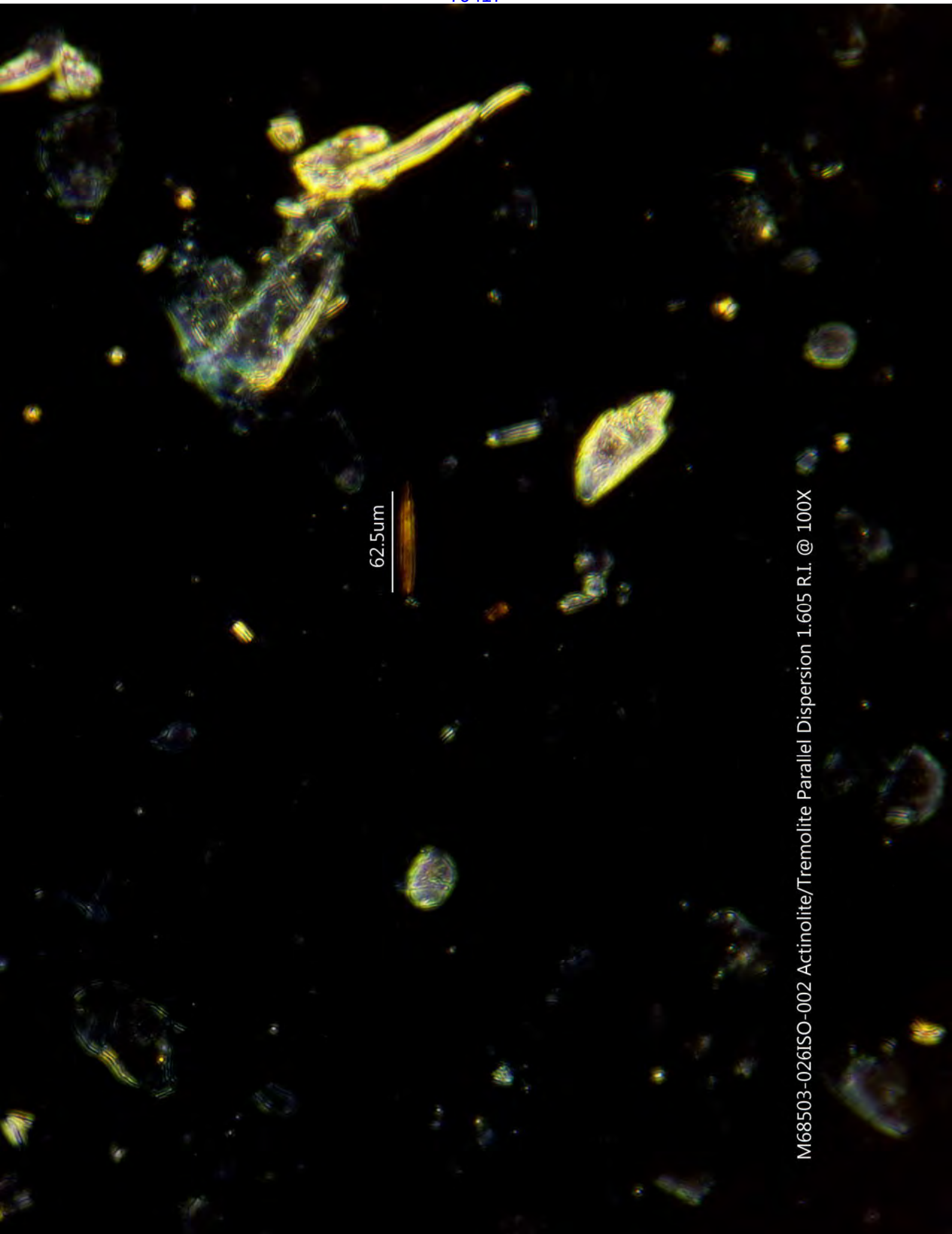




M68503-026ISO-001 Actinolite/Tremolite Elongation @ 200X

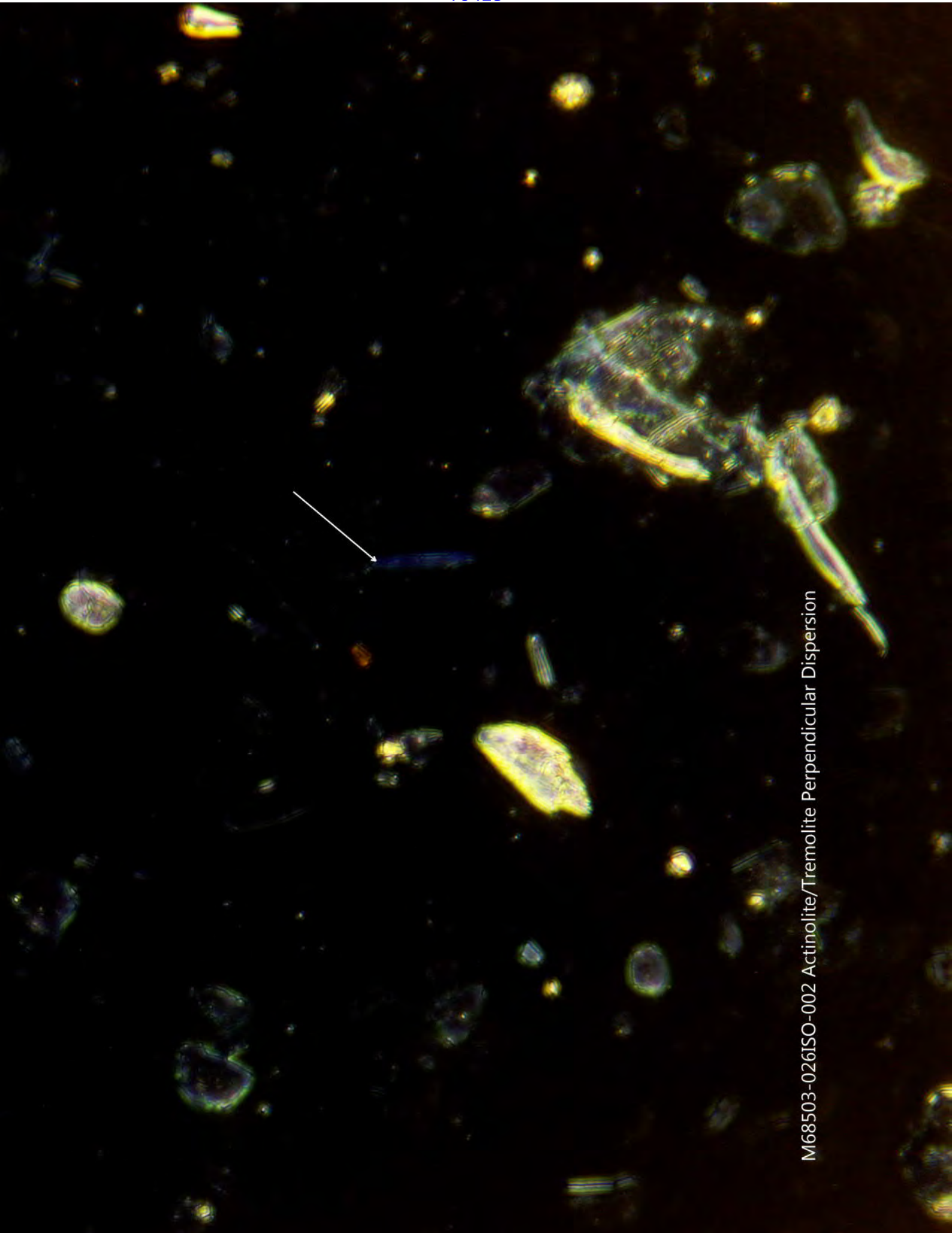


M68503-026ISO-001 Actinolite/Tremolite Crossed Polars

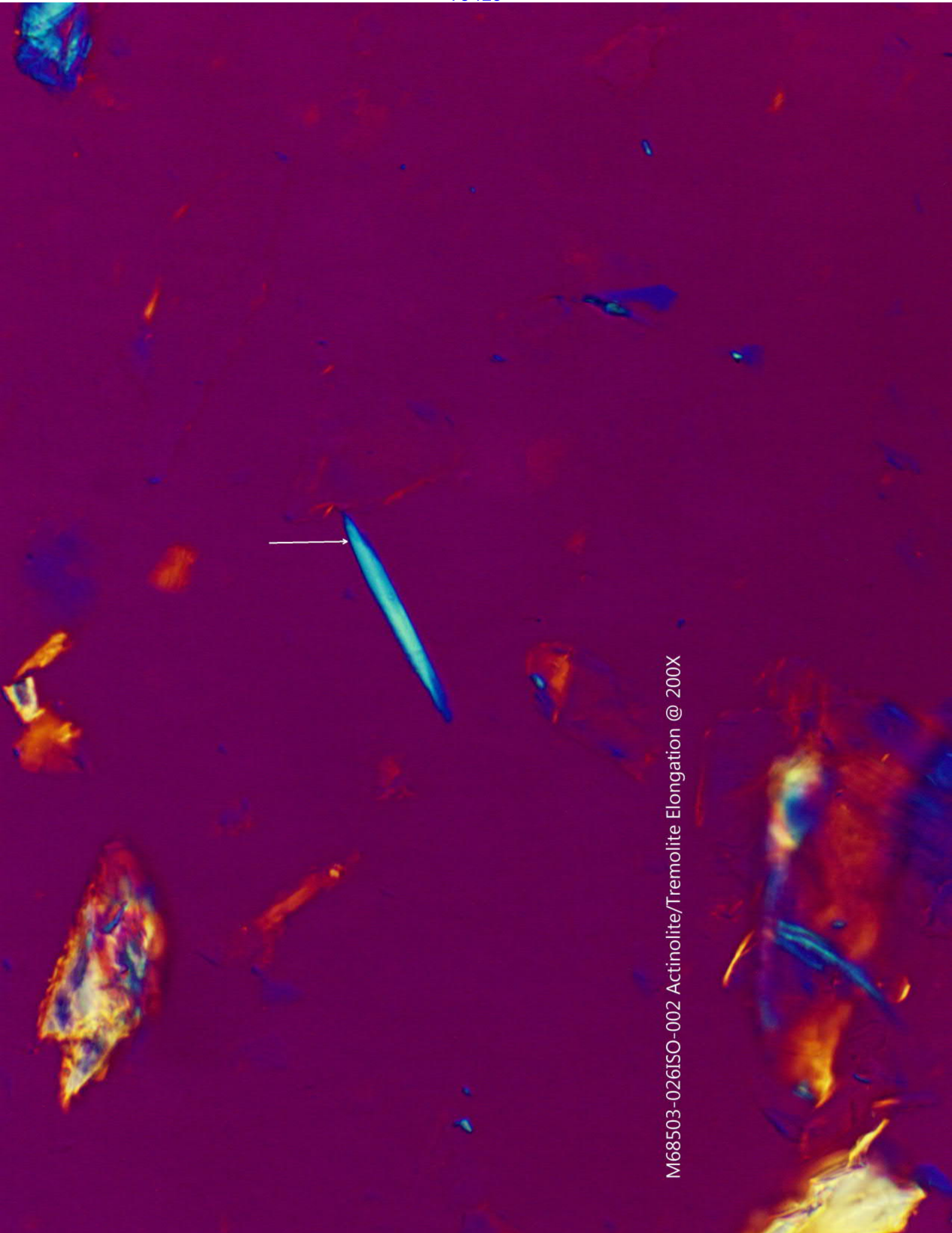


M68503-026ISO-002 Actinolite/Tremolite Parallel Dispersion 1.605 R.I. @ 100X



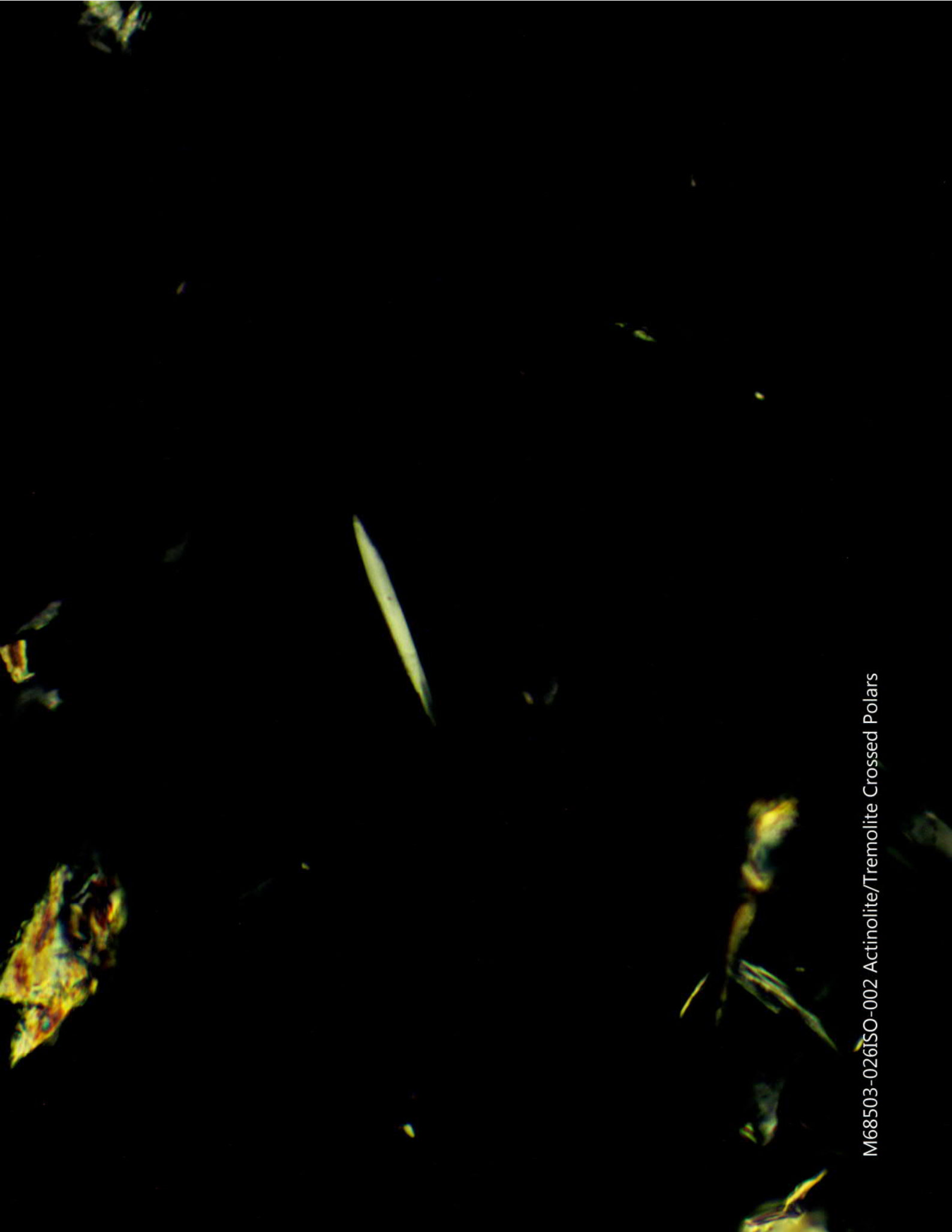


M68503-026ISO-002 Actinolite/Tremolite Perpendicular Dispersion

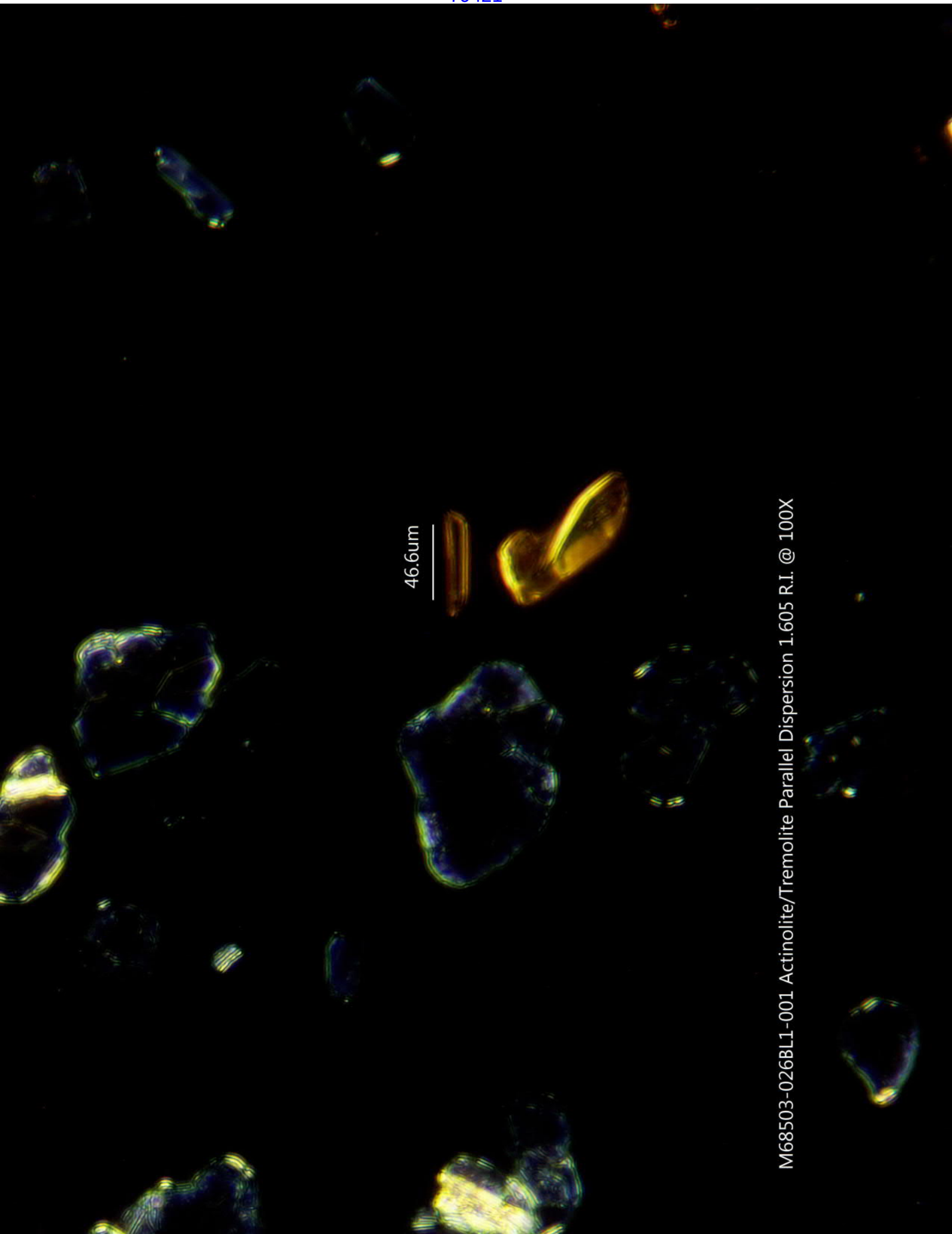


M68503-026ISO-002 Actinolite/Tremolite Elongation @ 200X





M68503-026ISO-002 Actinolite/Tremolite Crossed Polars



M68503-026BL1-001 Actinolite/Tremolite Parallel Dispersion 1.605 R.I. @ 100X



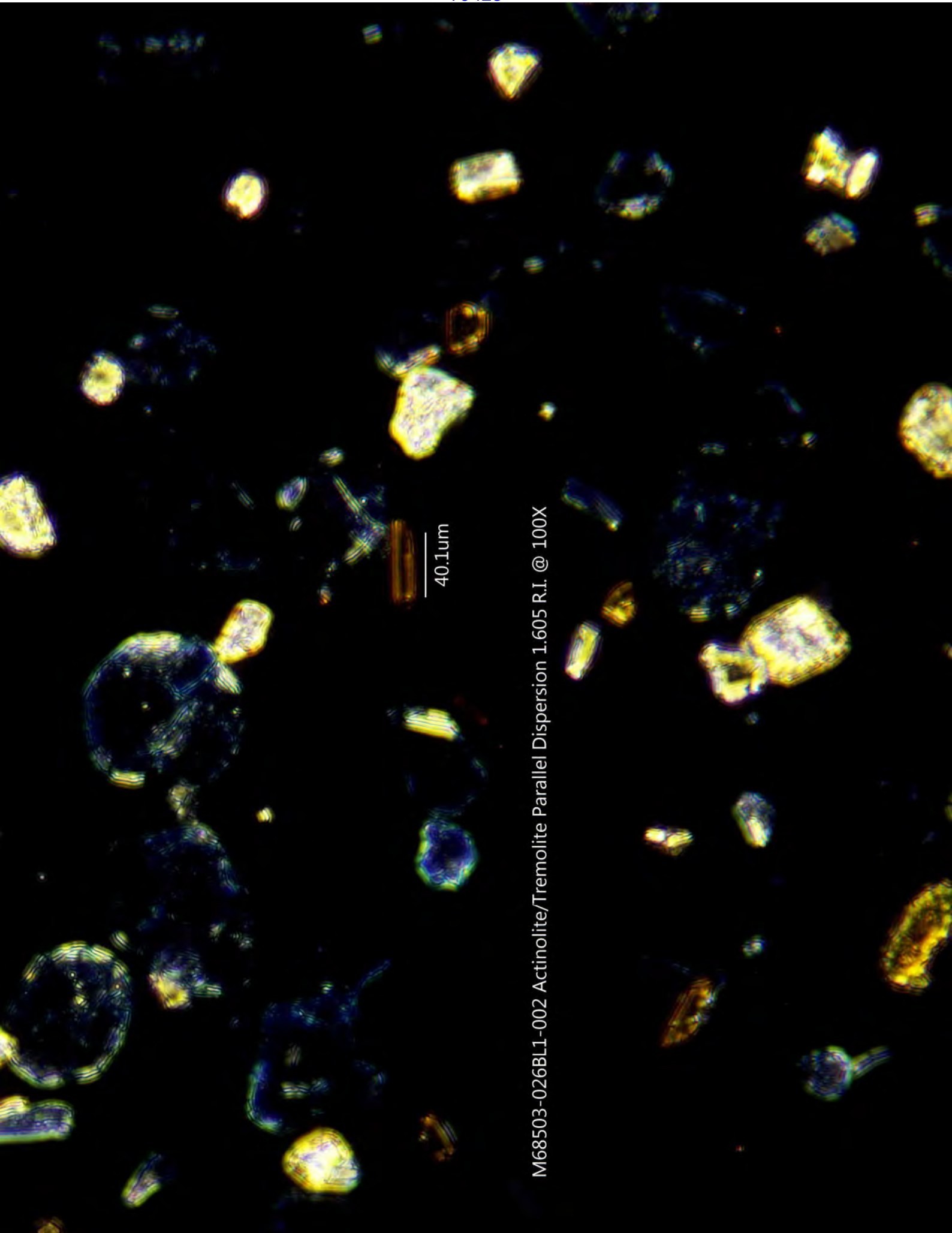
M68503-026BL1-001 Actinolite/Tremolite Perpendicular Dispersion



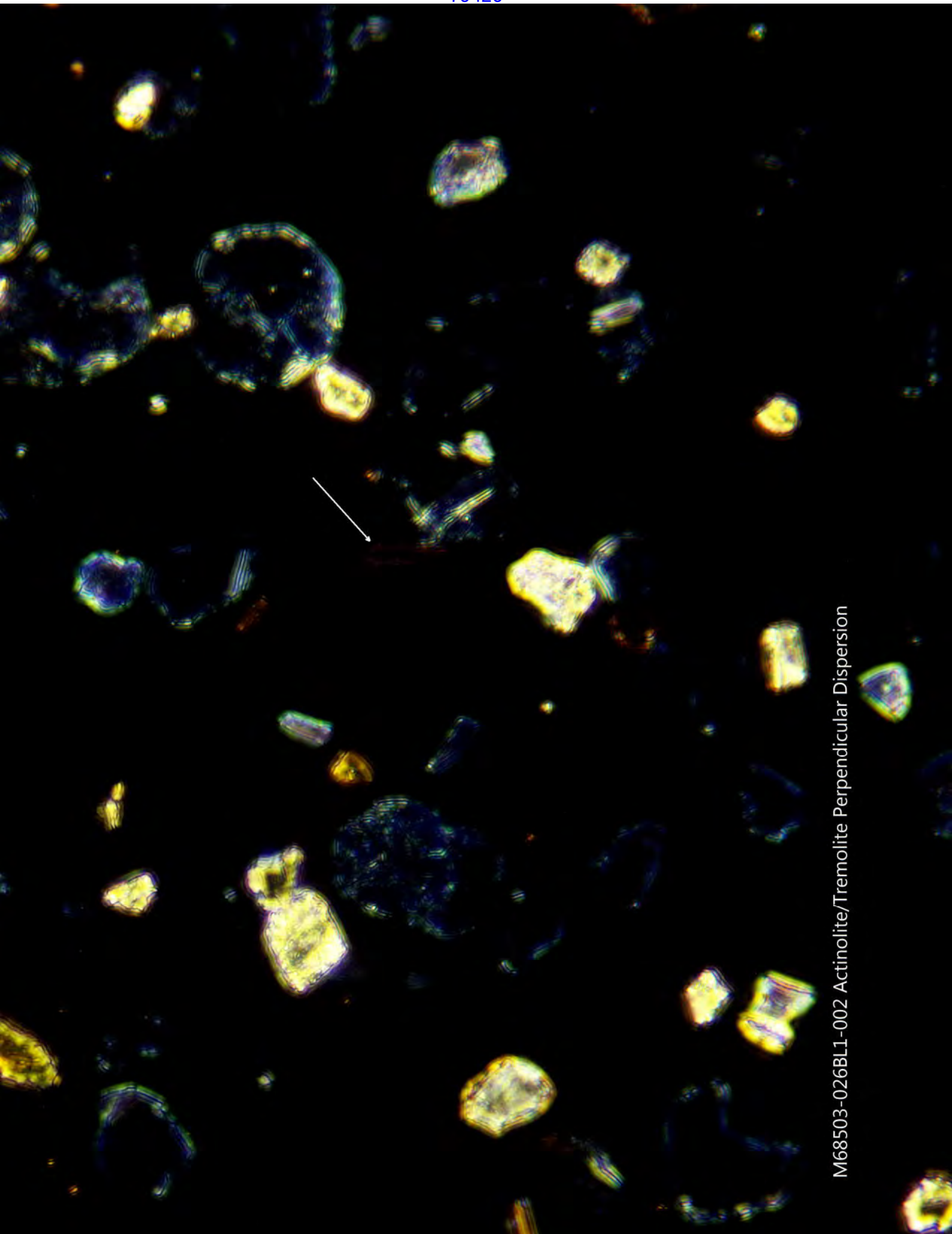
M68503-026BL1-001 Actinolite/Tremolite Elongation @ 200X

M68503-026BL1-001 Actinolite/Tremolite Crossed Polars

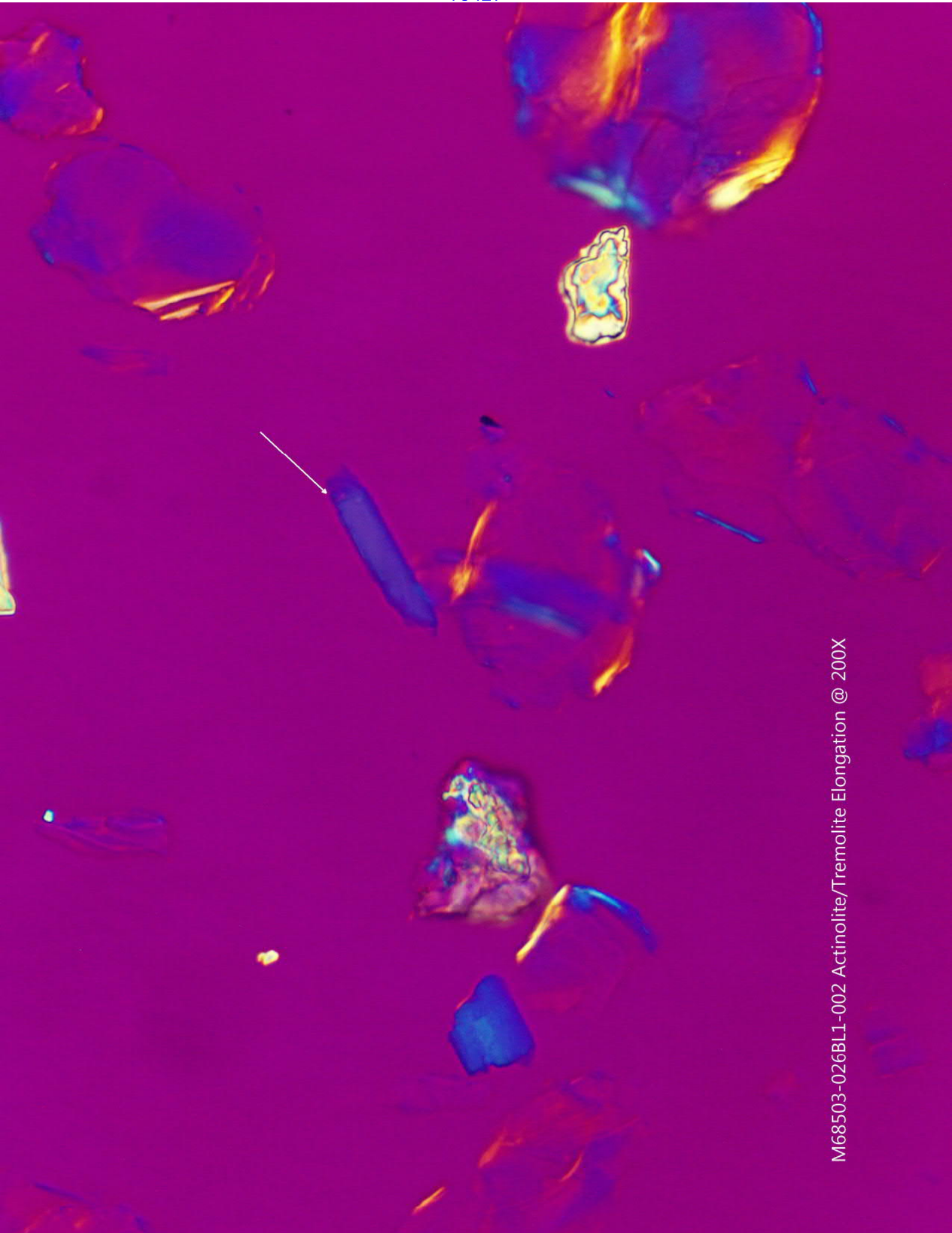




M68503-026BL1-002 Actinolite/Tremolite Parallel Dispersion 1.605 R.I. @ 100X

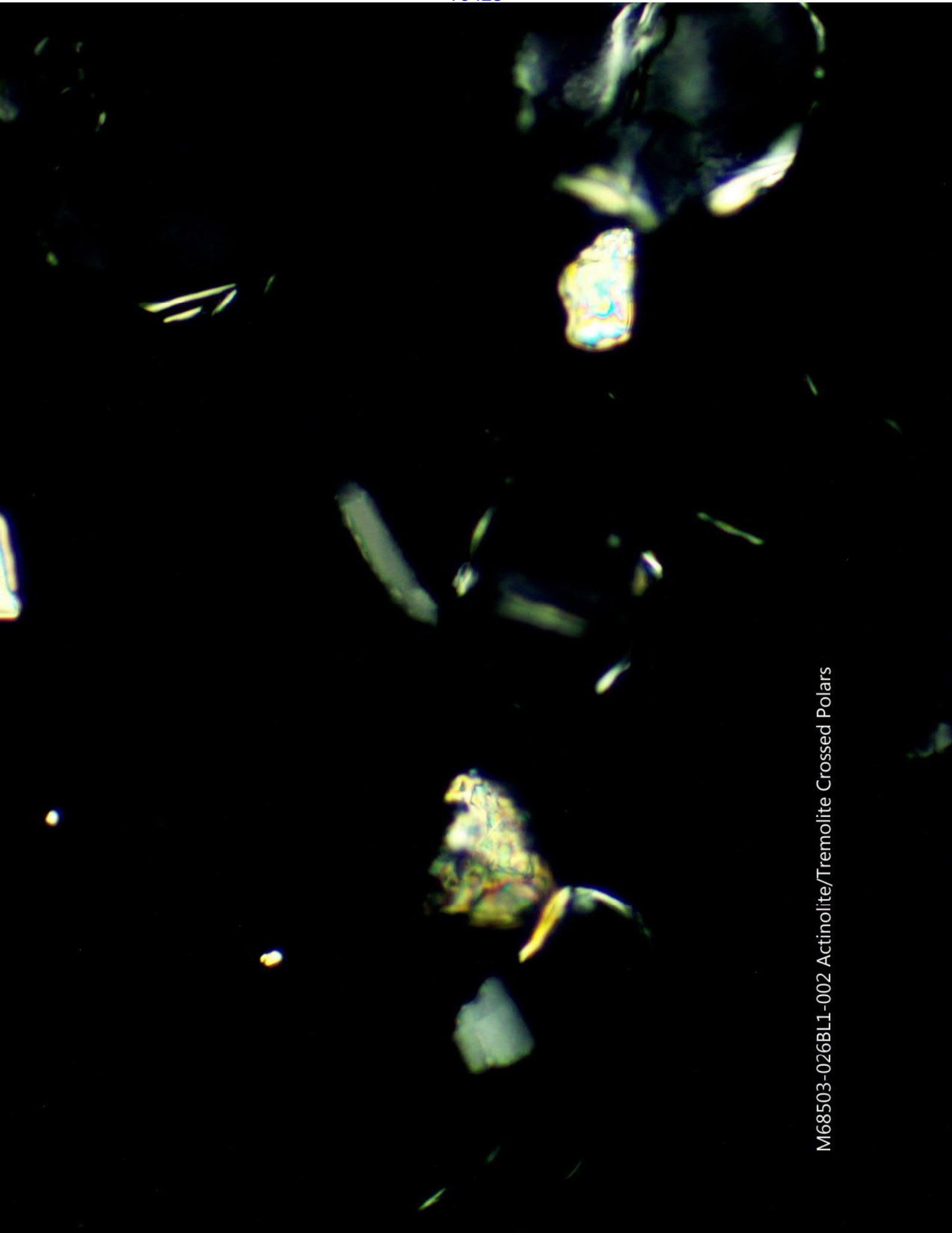


M68503-026BL1-002 Actinolite/Tremolite Perpendicular Dispersion

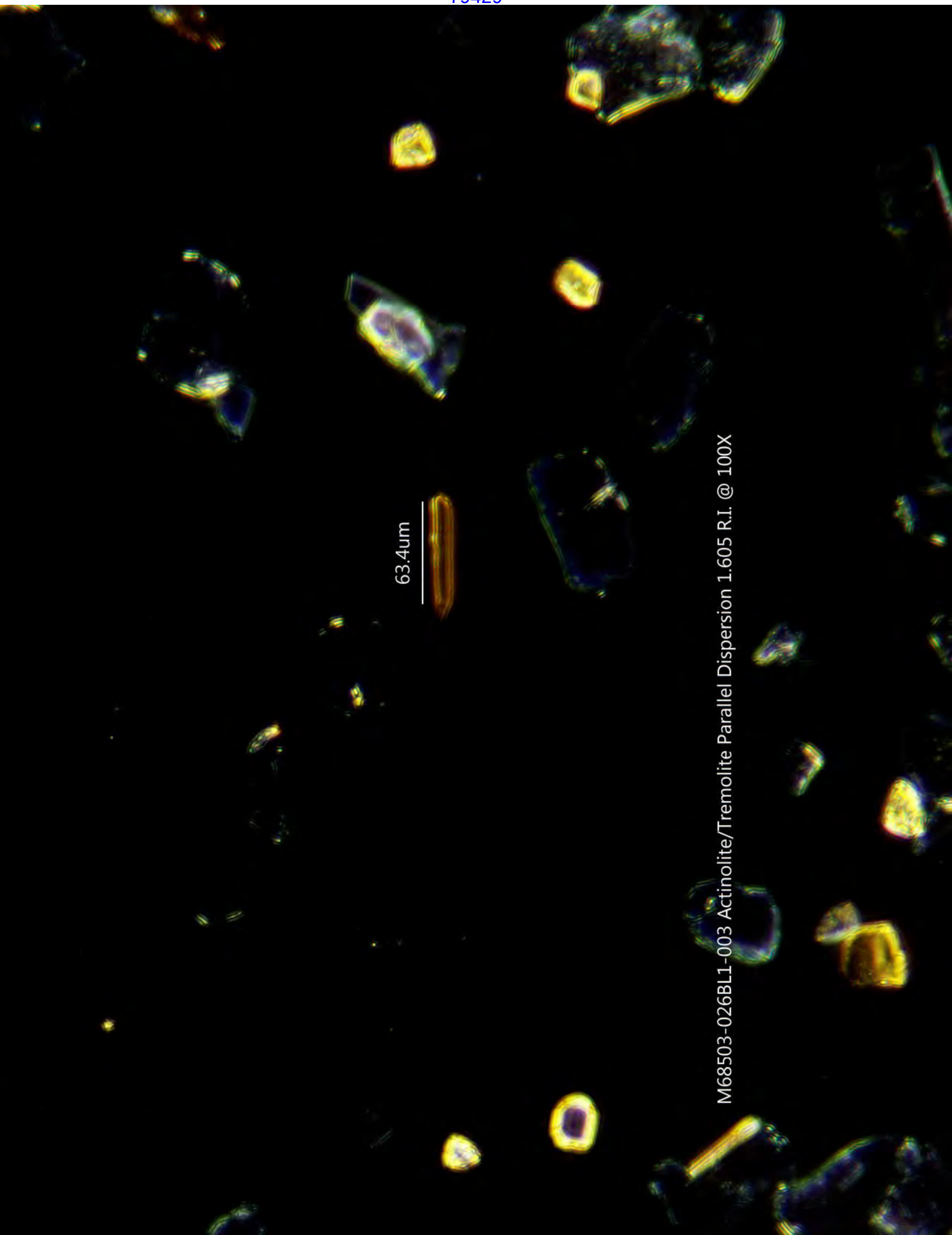


M68503-026BL1-002 Actinolite/Tremolite Elongation @ 200X





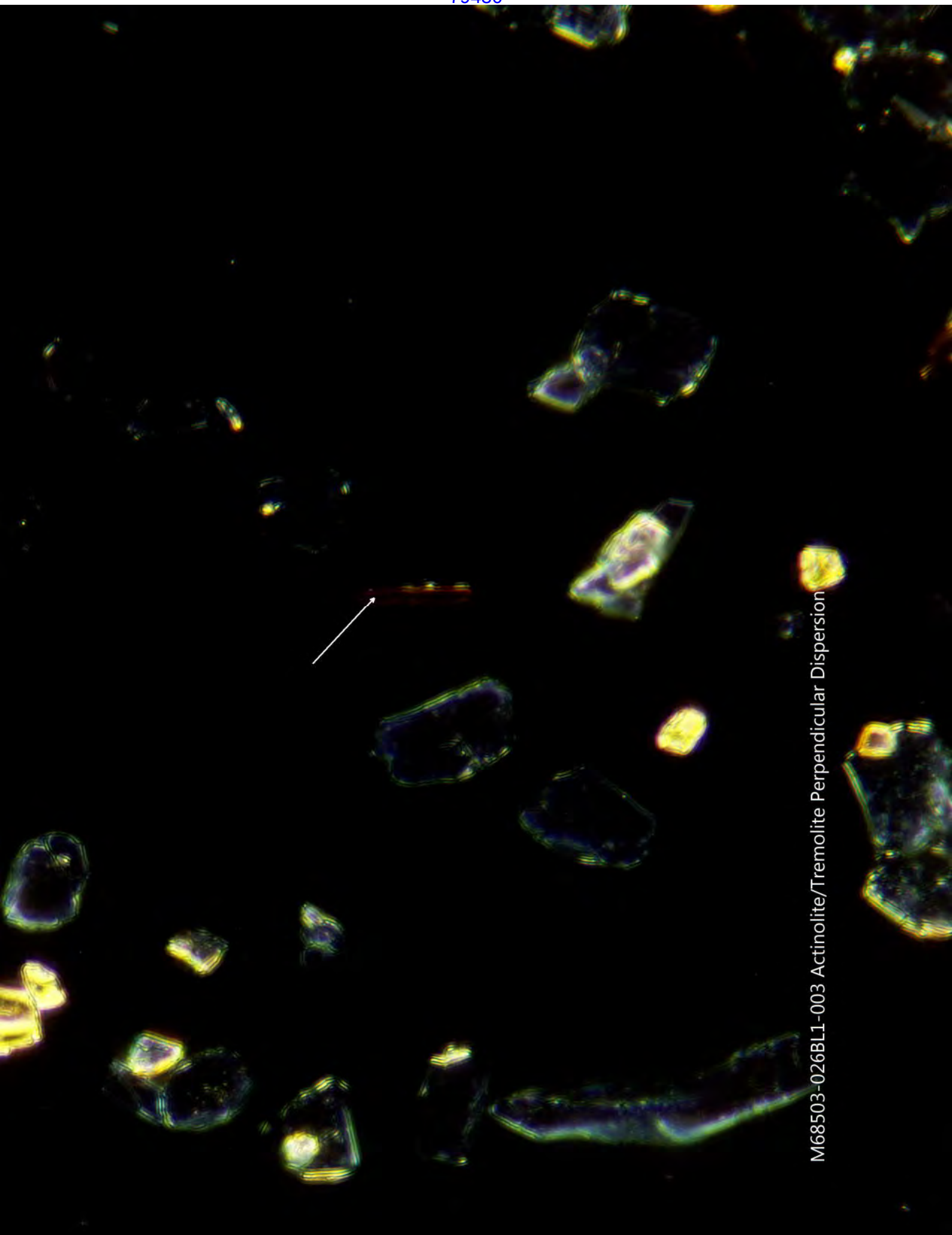
M68503-026BL1-002 Actinolite/Tremolite Crossed Polars



63.4um

M68503-026BL1-003 Actinolite/Tremolite Parallel Dispersion 1.605 R.I. @ 100X





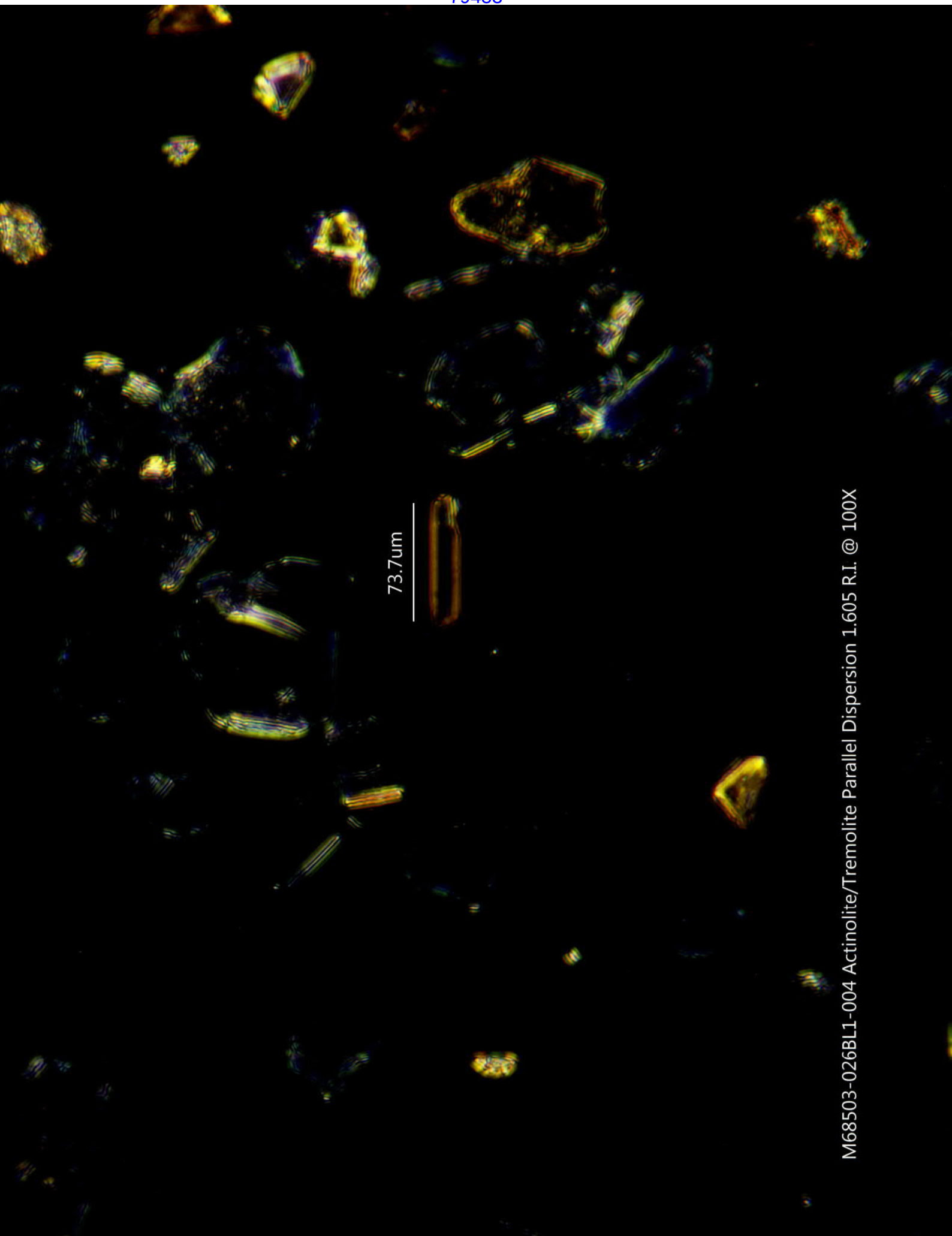
M68503-026BL1-003 Actinolite/Tremolite Perpendicular Dispersion



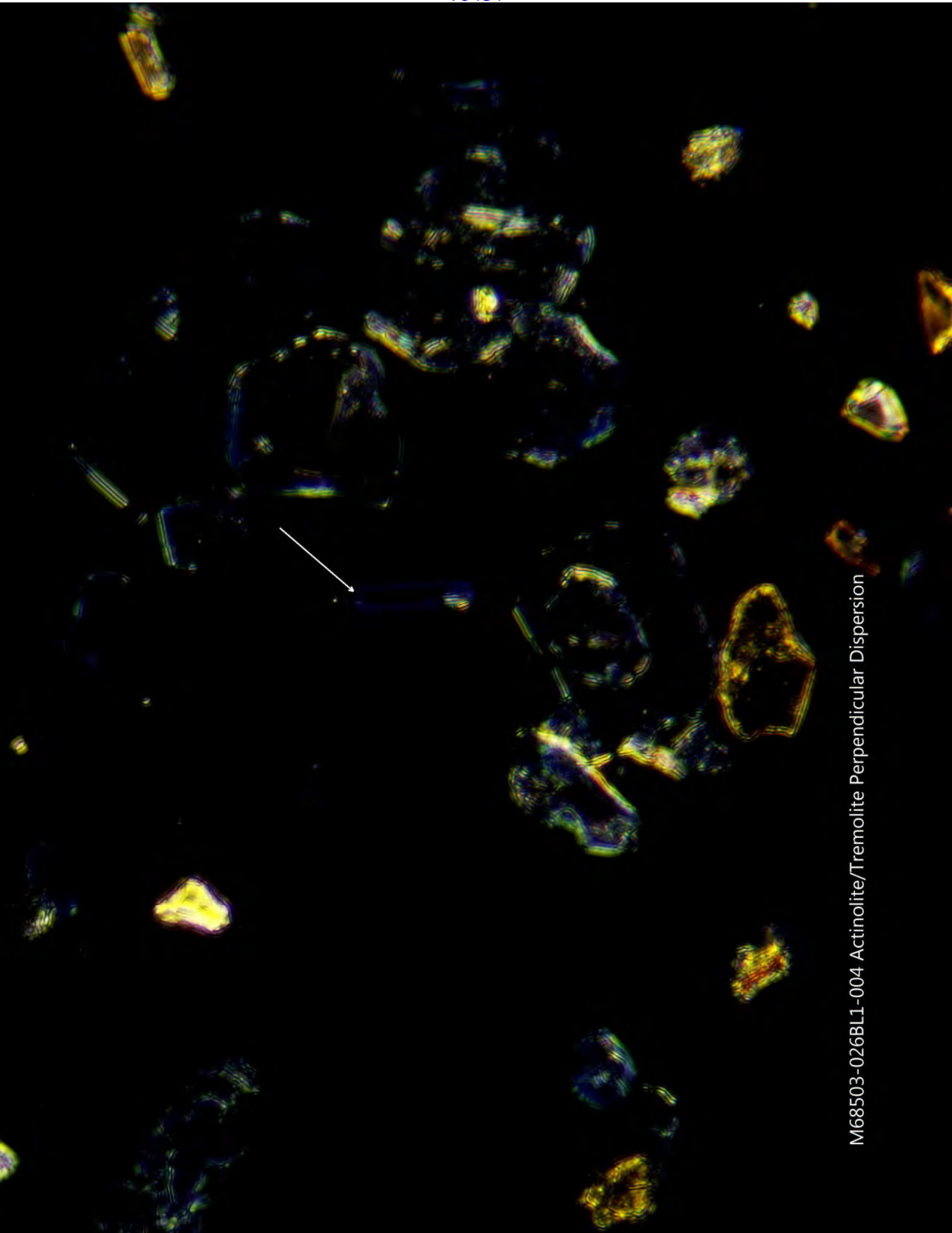
M68503-026BL1-003 Actinolite/Tremolite Elongation @ 200X



M68503-026BL1-003 Actinolite/Tremolite Crossed Polars

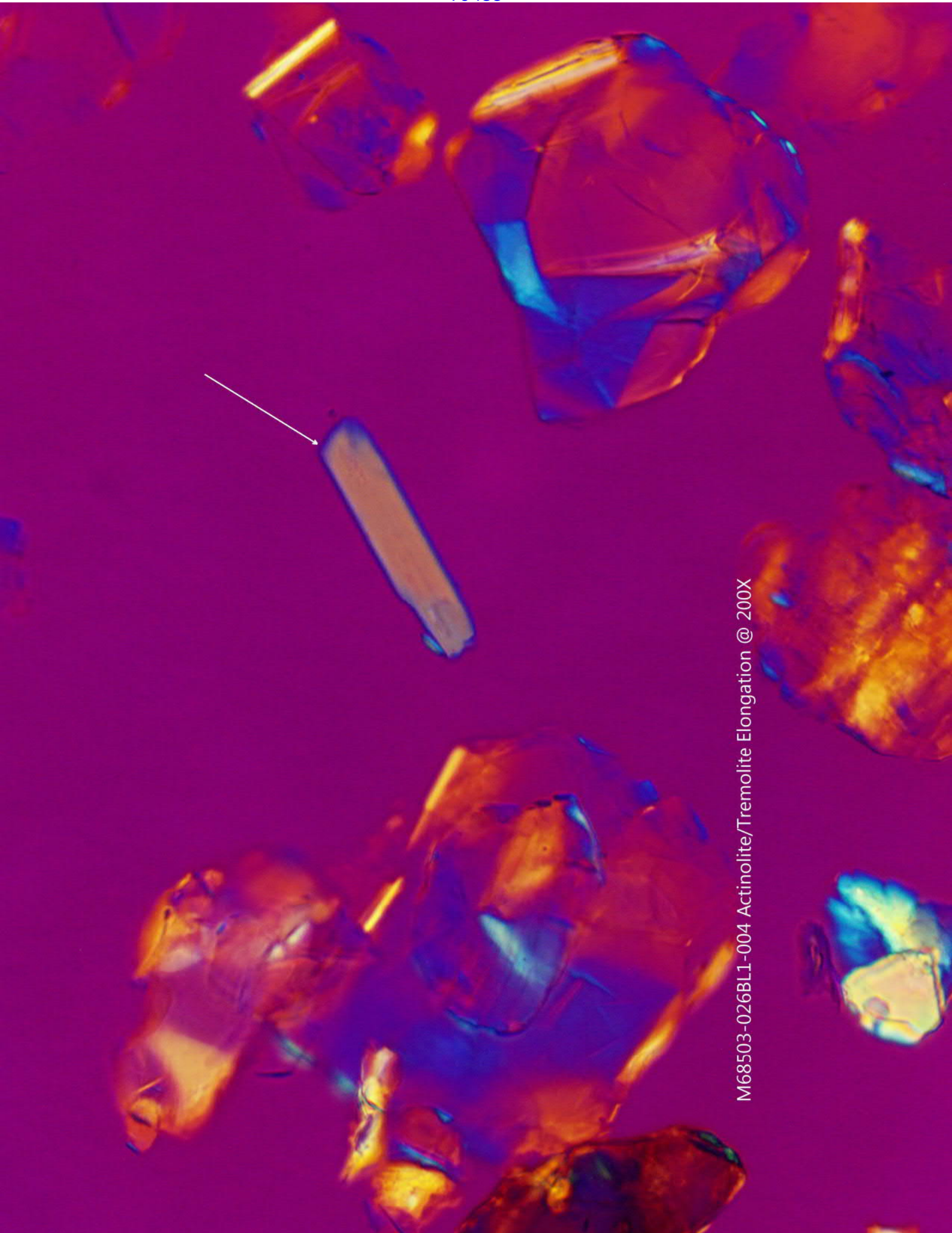


M68503-026BL1-004 Actinolite/Tremolite Parallel Dispersion 1.605 R.I. @ 100X

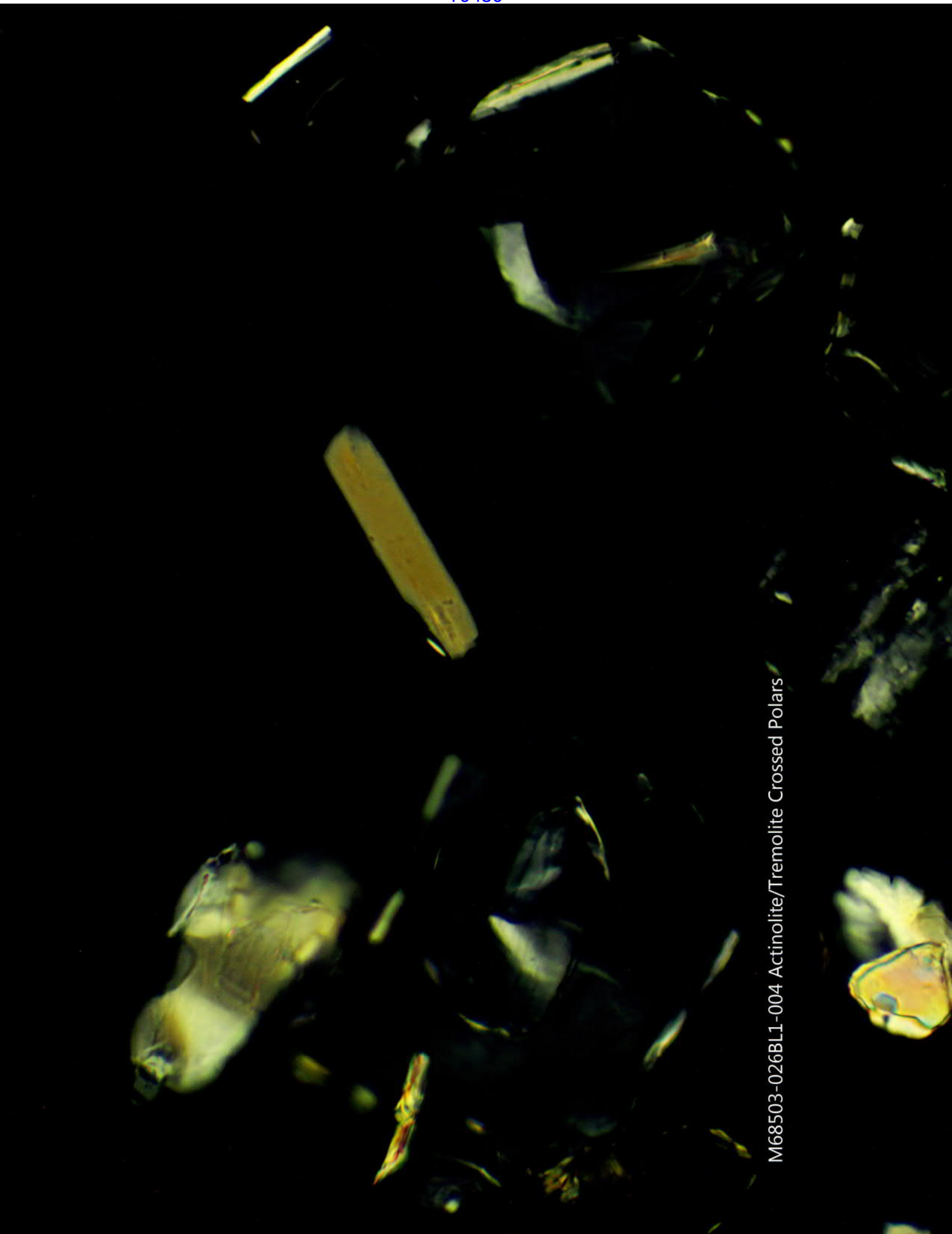


M68503-026BL1-004 Actinolite/Tremolite Perpendicular Dispersion





M68503-026BL1-004 Actinolite/Tremolite Elongation @ 200X



M68503-026BL1-004 Actinolite/Tremolite Crossed Polars



TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-026		Grid Box #	8632	No. of Grids Counted	2
Analyst:	Anthony Keeton			Length	Width	G. O. Area
Date of Analysis	10/23/2018 - 10/30/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02109			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
2	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	E10-A1							
1	A2	Bundle	Tremolite	7.1	0.40	17.8	X	X
NSD	A3							
NSD	A4							
NSD	A5							
2	A6	Bundle	Tremolite	10.6	1.80	5.9	X	X
3	A7	Fiber	Tremolite	3.1	0.23	13.5	X	X
4		Bundle	Tremolite	7.6	0.80	9.5	X	X
5		Bundle	Tremolite	3.2	0.50	6.4	X	X
NSD	A8							
6	A9	Bundle	Tremolite	7.3	1.20	6.1	X	X
NSD	A10							
NSD	B1							
7	B2	Bundle	Tremolite	7.3	0.70	10.4	X	X
NSD	B3							
NSD	B4							
NSD	B5							
8	B6	Bundle	Tremolite	9.8	1.80	5.4	X	X
9	B7	Bundle	Tremolite	4.3	0.80	5.4	X	X
10	B8	Bundle	Tremolite	7.0	0.80	8.8	X	X
11	B9	Bundle	Tremolite	7.4	1.10	6.7	X	X
NSD	B10							
12	C1	Bundle	Tremolite	13.3	0.70	19.0	X	X
NSD	C2							
13	C3	Bundle	Tremolite	3.7	0.45	8.2	X	X
NSD	C4							
14	C5	Bundle	Tremolite	3.4	0.60	5.7	X	X
15	C6	Bundle	Tremolite	3.2	0.23	13.9	X	X
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
16	D4	Bundle	Tremolite	30.8	4.0	7.7	X	X
NSD	D5							
NSD	D6							
17	D7	Bundle	Tremolite	2.8	0.50	5.6	X	X
18	D8	Bundle	Tremolite	7.9	0.92	8.6	X	X
NSD	D9							
NSD	D10							
NSD	G1							
NSD	G2							
NSD	G3							
NSD	G4							
NSD	G5							
NSD	G6							
NSD	G7							
NSD	G8							

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-026		Grid Box #	8632	No. of Grids Counted	2
Analyst:	Anthony Keeton			Length	Width	G. O. Area
Date of Analysis	10/23/2018 - 10/30/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02109			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
2	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	G9							
19	G10	Bundle	Tremolite	7.5	0.80	9.4	X	X
NSD	E9-A1							
20	A2	Bundle	Tremolite	3.9	0.60	6.5	X	X
21	A3	Bundle	Tremolite	4.1	0.60	6.8	X	X
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
22	B6	Bundle	Tremolite	3.0	0.46	6.5	X	X
NSD	B7							
NSD	B8							
NSD	B9							
23	B10	Bundle	Tremolite	24.4	3.00	8.1	X	X
24		Bundle	Tremolite	6.5	1.10	5.9	X	X
25	C1	Bundle	Tremolite	8.6	0.92	9.3	X	X
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
26	C7	Bundle	Tremolite	27.6	3.70	7.5	X	X
27		Bundle	Tremolite	18.4	2.30	8.0	X	X
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
28	D2	Bundle	Tremolite	75.9	4.60	16.5	X	X
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	H1							
NSD	H2							
29	H3	Bundle	Tremolite	9.2	1.40	6.6	X	X
NSD	H4							
NSD	H5							
NSD	H6							



TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M68503-026		Grid Box #	8632	No. of Grids Counted	2
Analyst:	Anthony Keeton			Length	Width	G. O. Area
Date of Analysis	10/23/2018 - 10/30/2018		G. O. in microns =	105	105	11025
Initial Weight(g)	0.02109			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
2	Screen Magnification	20 KX	Area Examined mm²			1.103

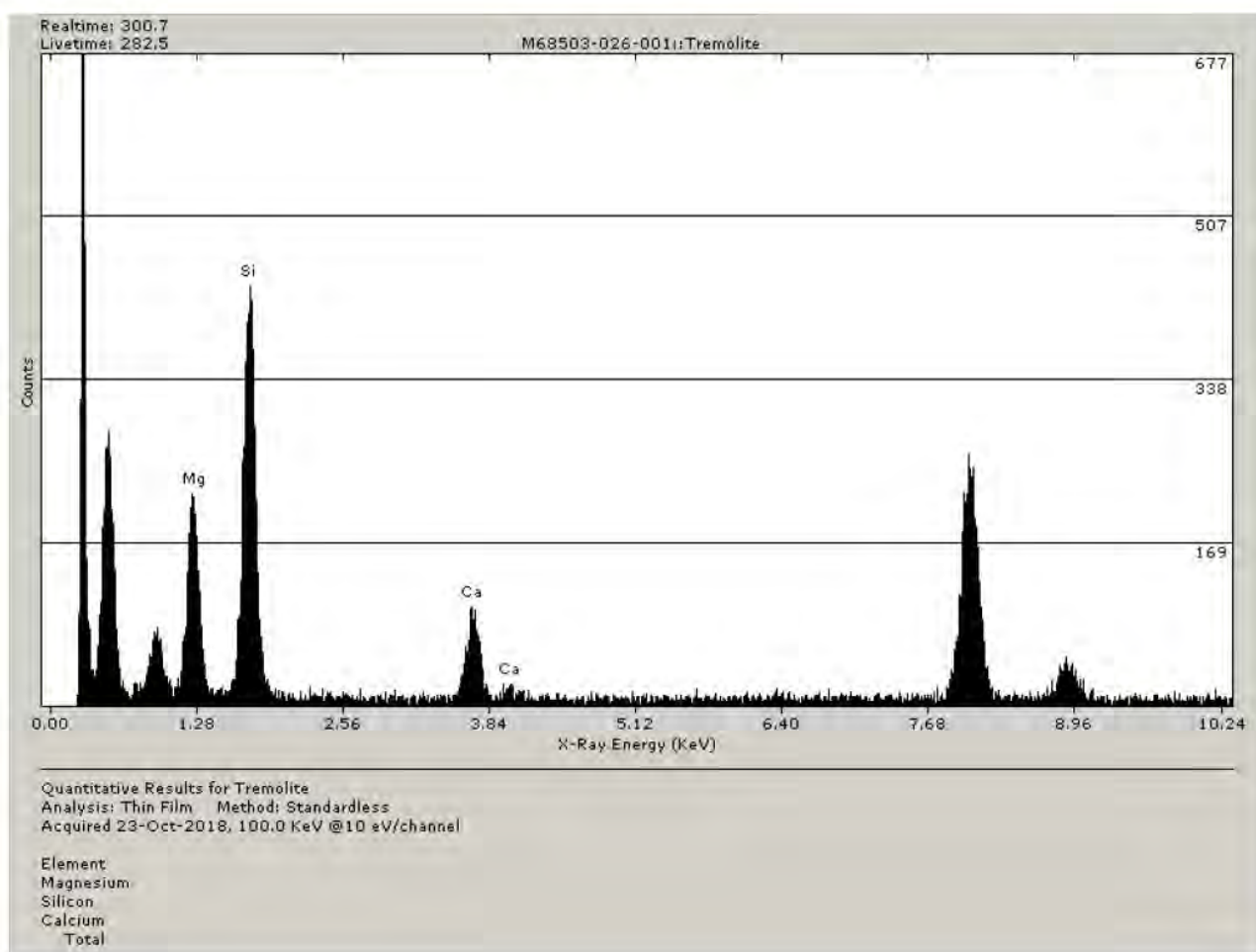
Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
30	H7	Bundle	Tremolite	4.6	0.70	6.6	X	X
NSD	H8							
NSD	H9							
31	H10	Bundle	Tremolite	6.9	1.00	6.9	X	X

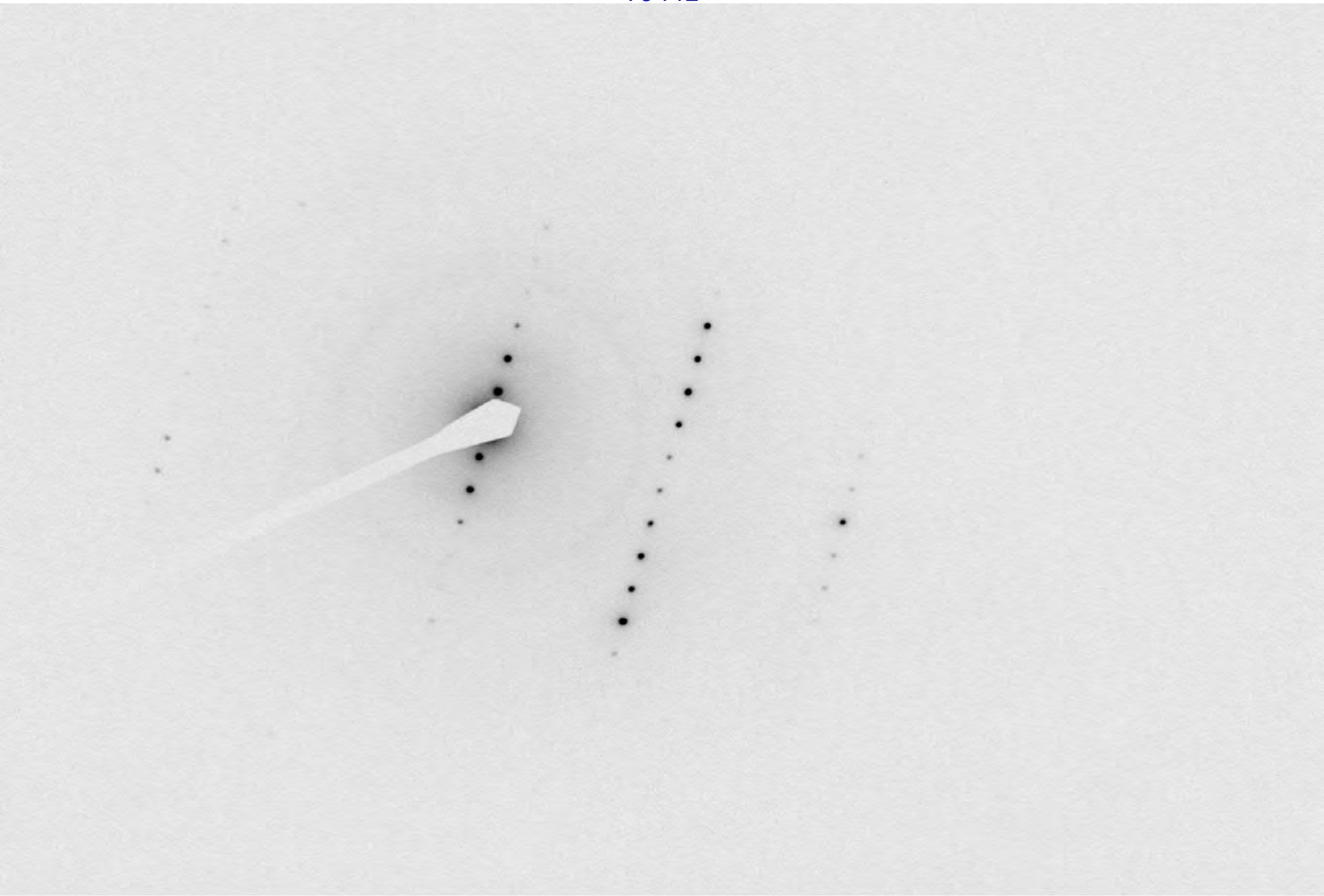
Org. Sample Wt.	Sample Wt. Post HL Separation
0.02109	0.02109 g
Percent of Orig. Post Separation	100 (%)

Wt. Of Sample Analyzed	0.00011562 g
Filter size	201.1 mm²
Number of Structures Counted	31 Str.
Structures per Gram of Sample	2.68E+05 Str./g

Detection Limit	8.65E+03	Str./g
Analytical Sensitivity	8.65E+03	Str./g



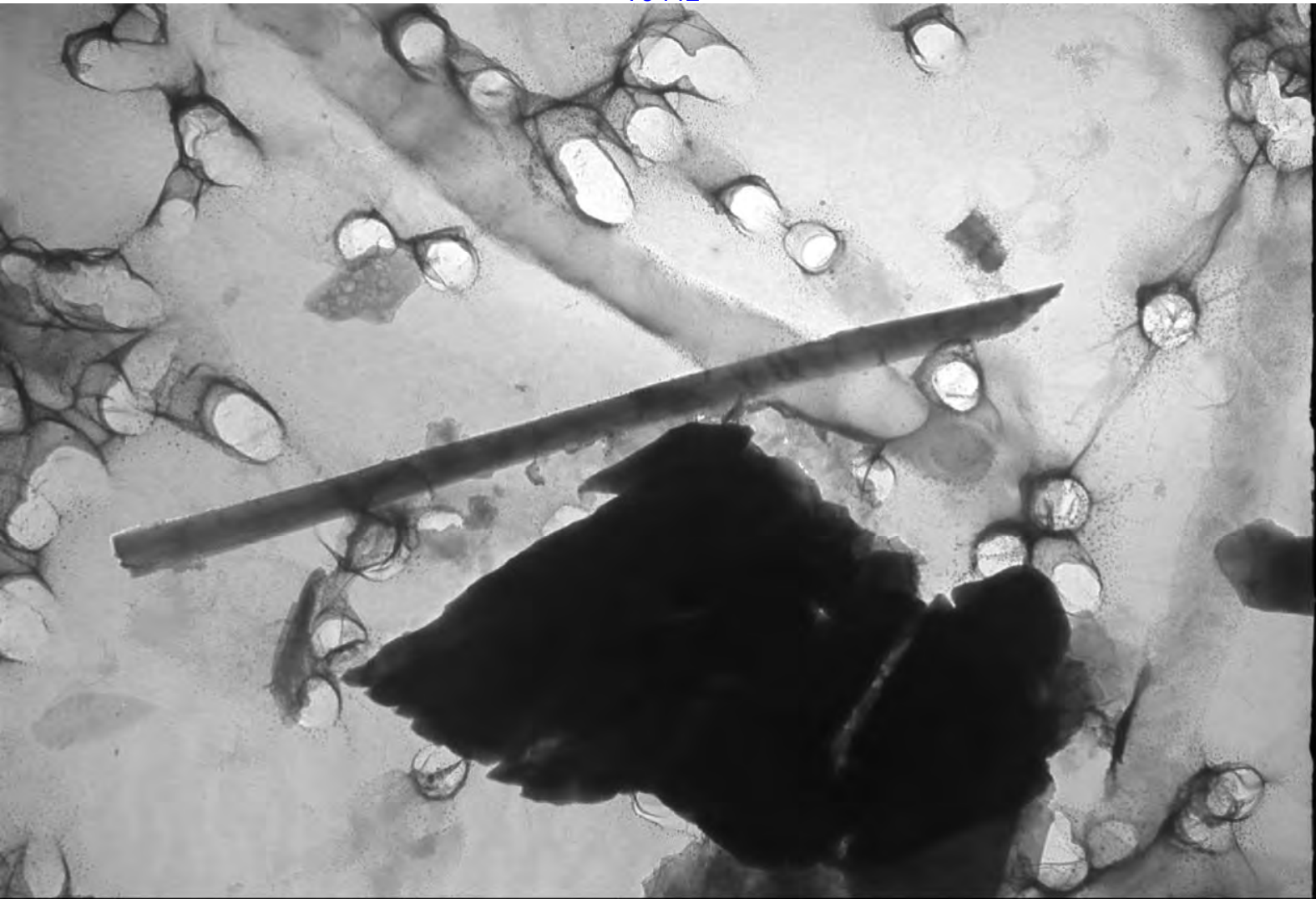




2 4680

M68503-026-001 Tremolite Diffraction @ 50cm

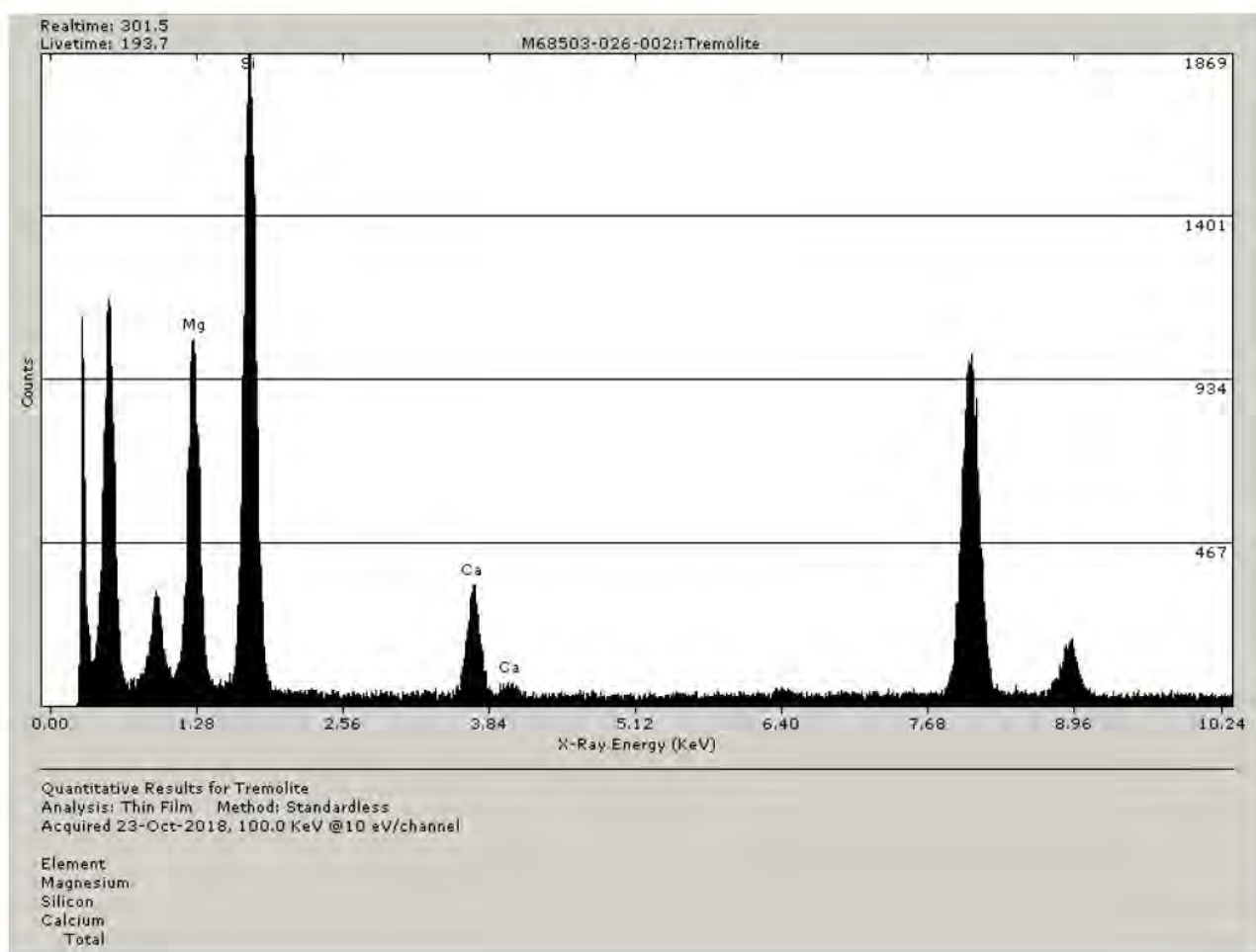
10/23/2018

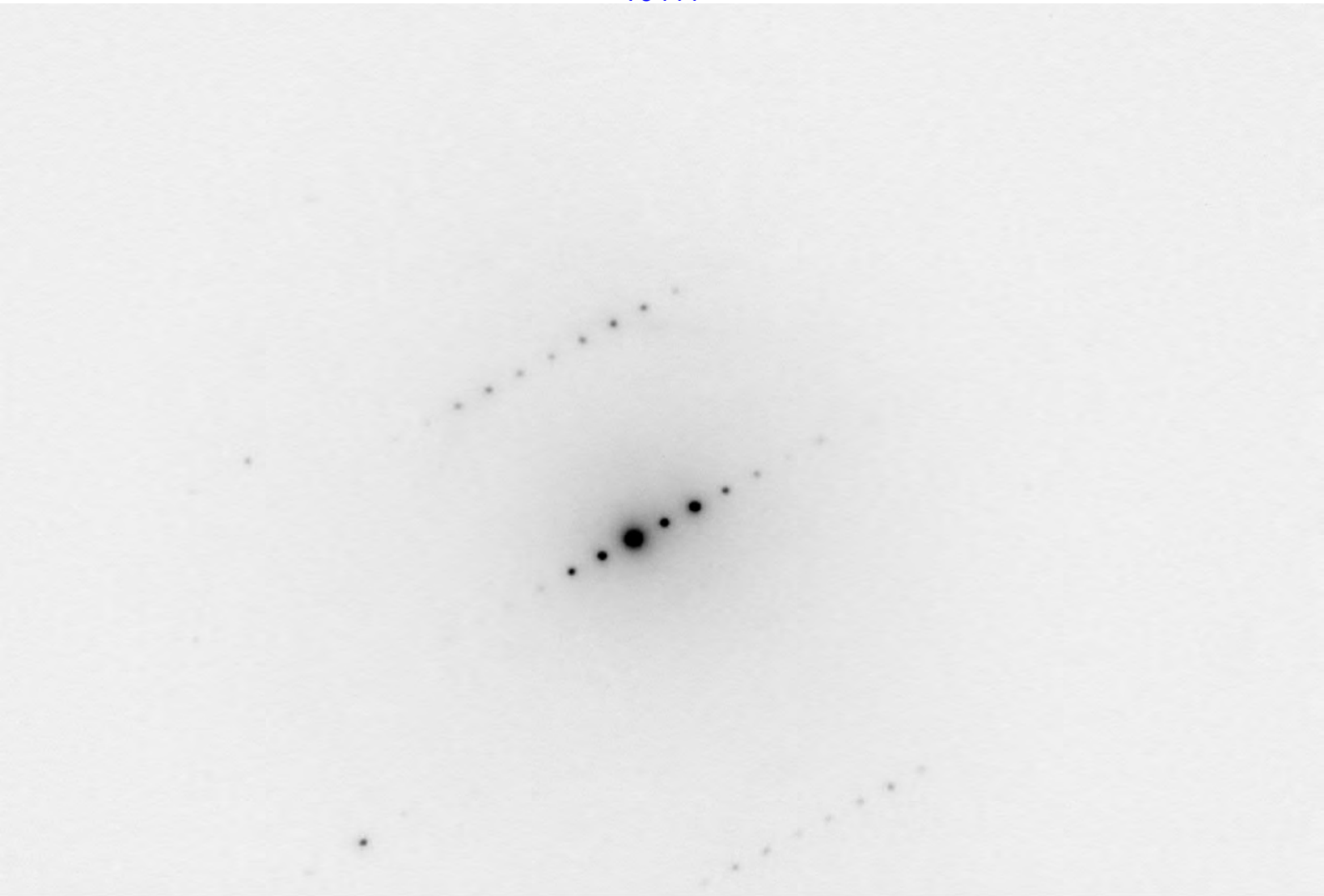


2 4678

M68503-026-001 Tremolite ( 7.1 um x 0.40 um)

10/23/2018



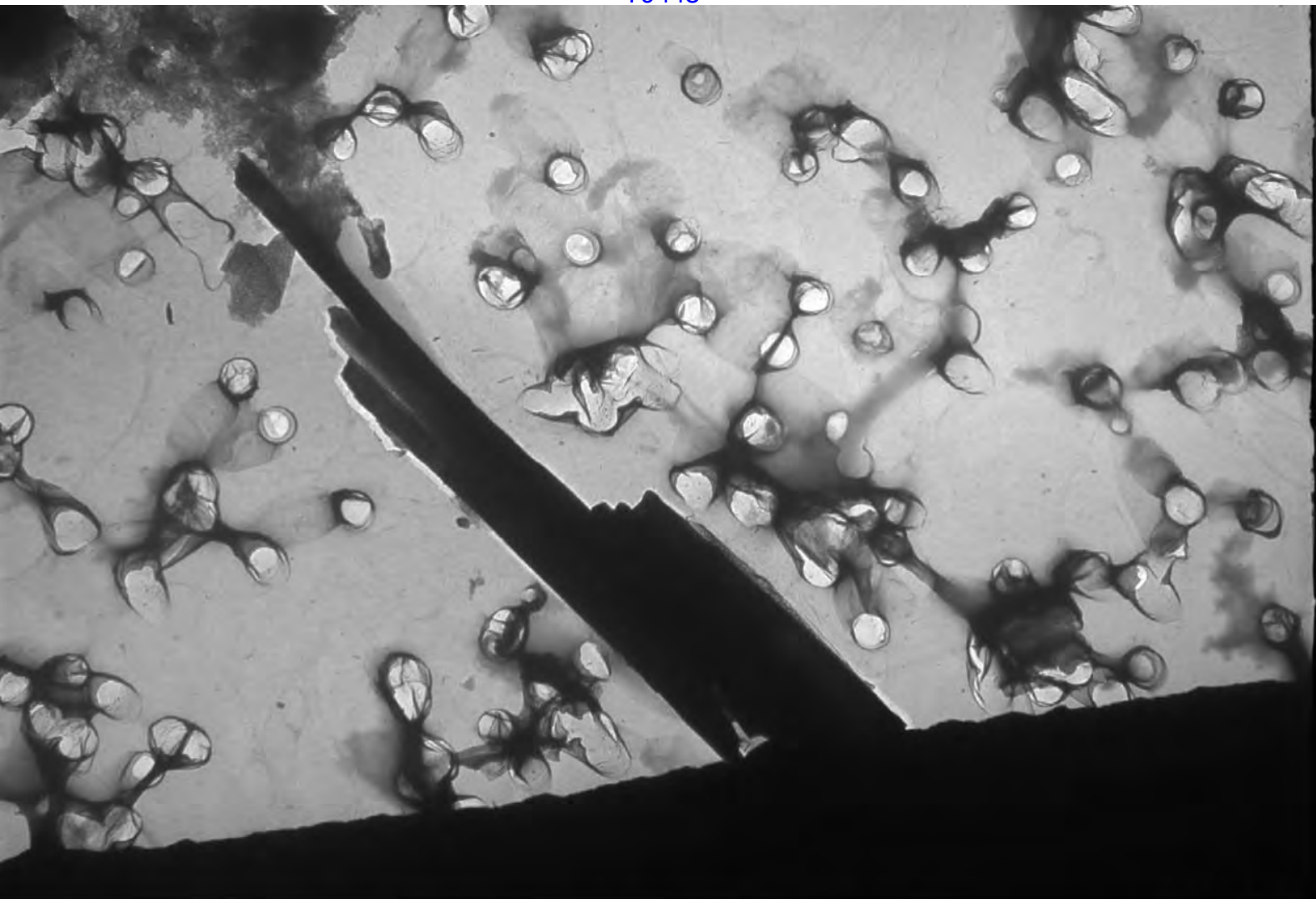


2 4683

M68503-026-002 Tremolite Diffraction @ 50cm

10/23/2018

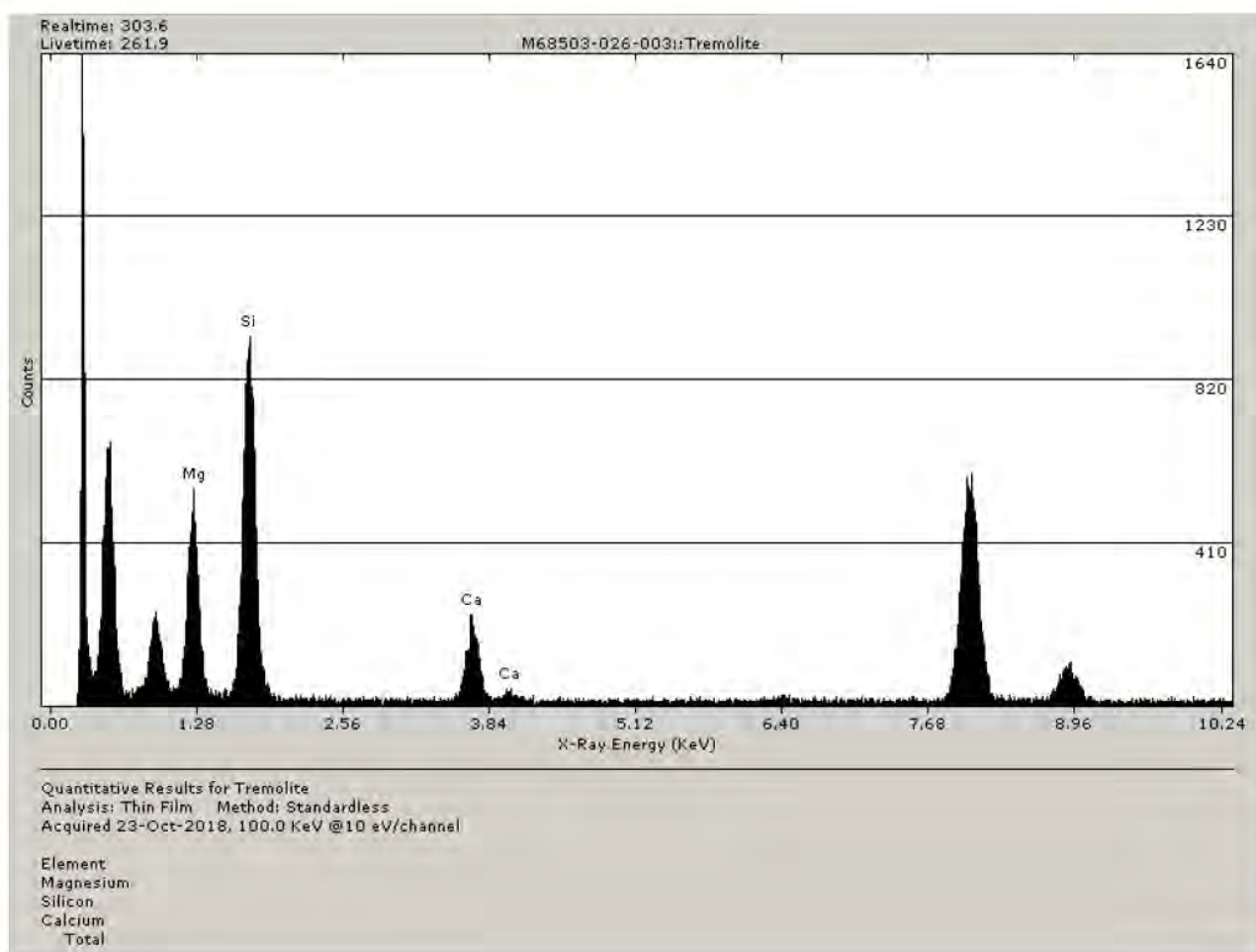


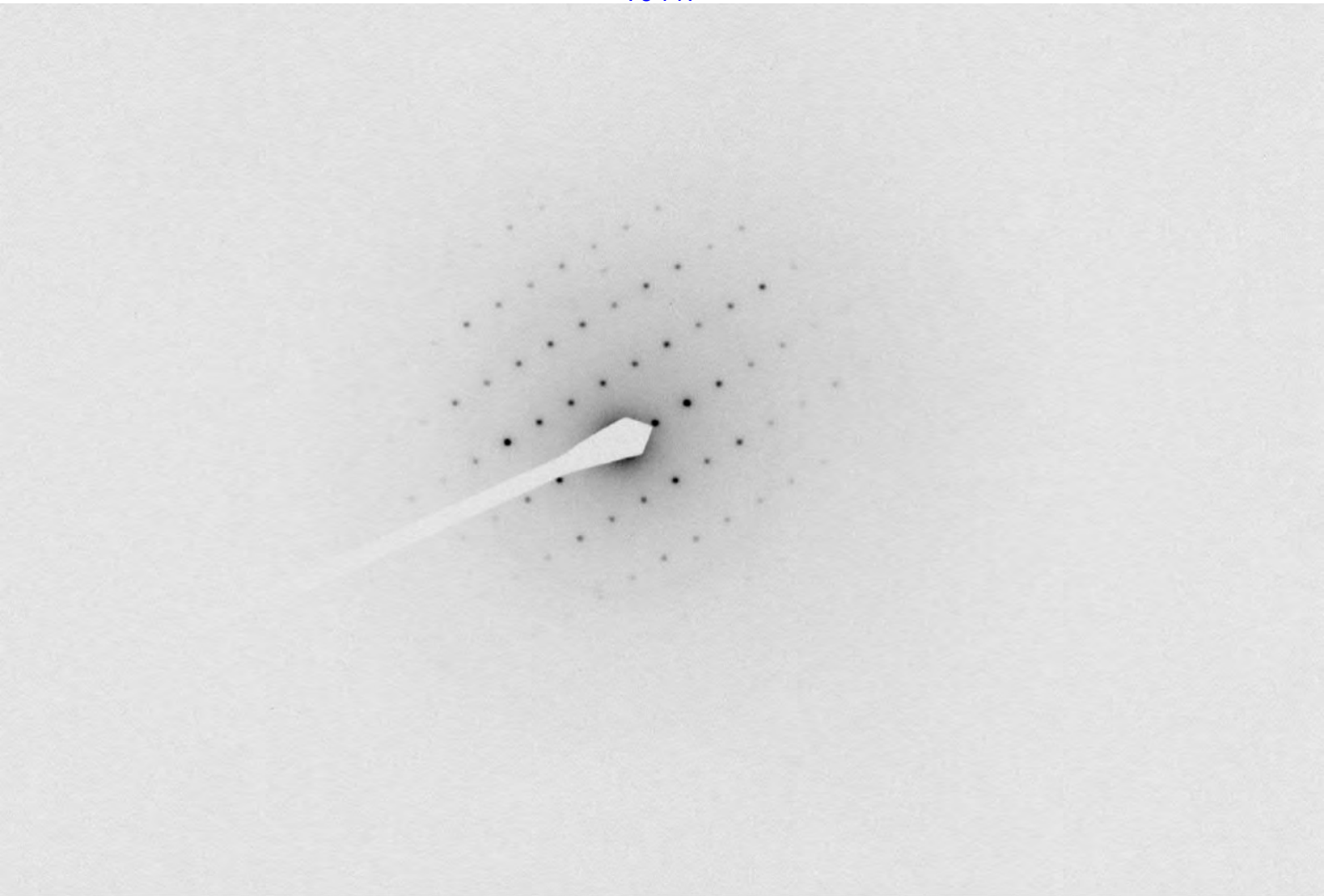


2 4681

M68503-026-002 Tremolite ( 10.6 um x 1.8 um)

10/23/2018

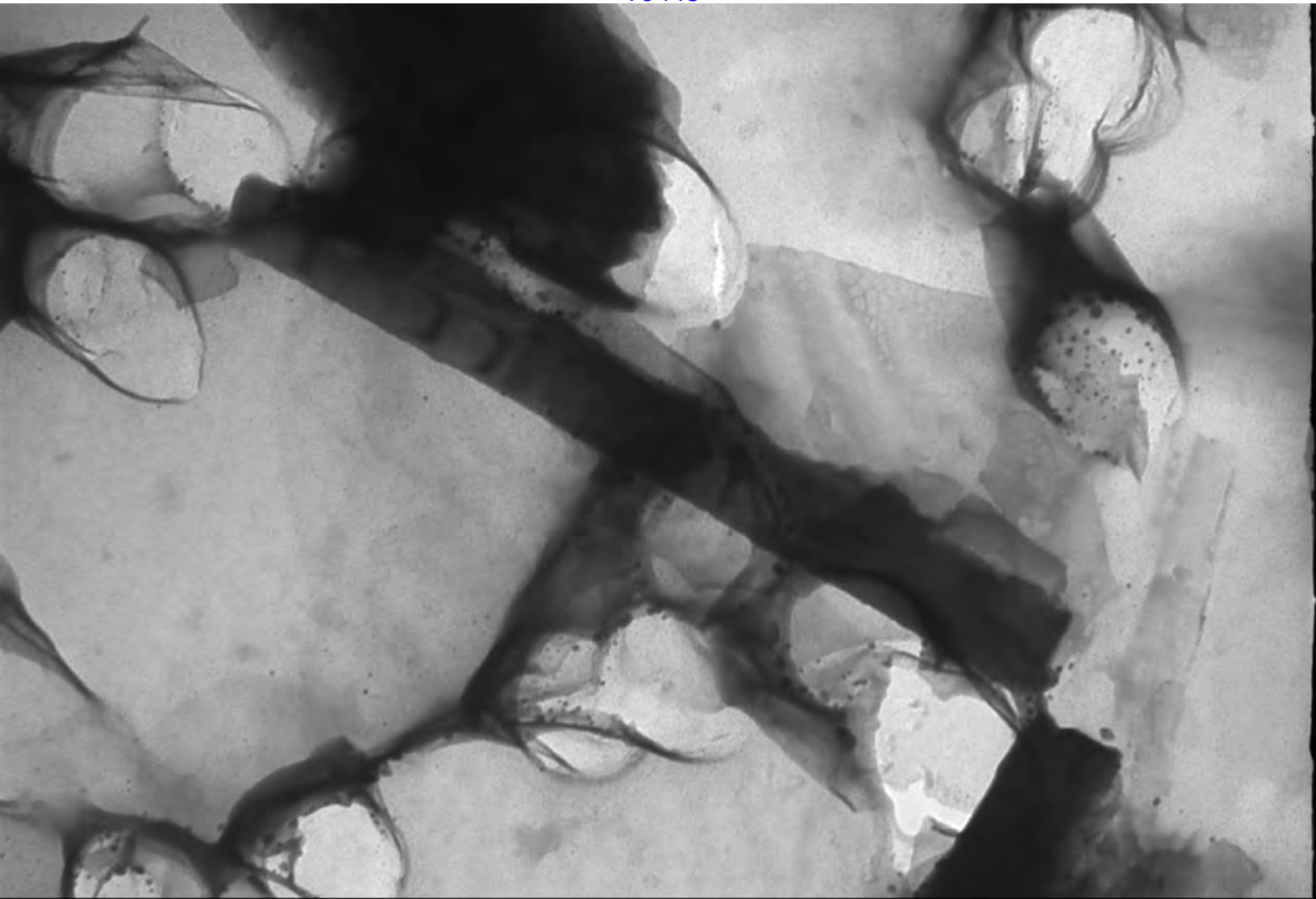




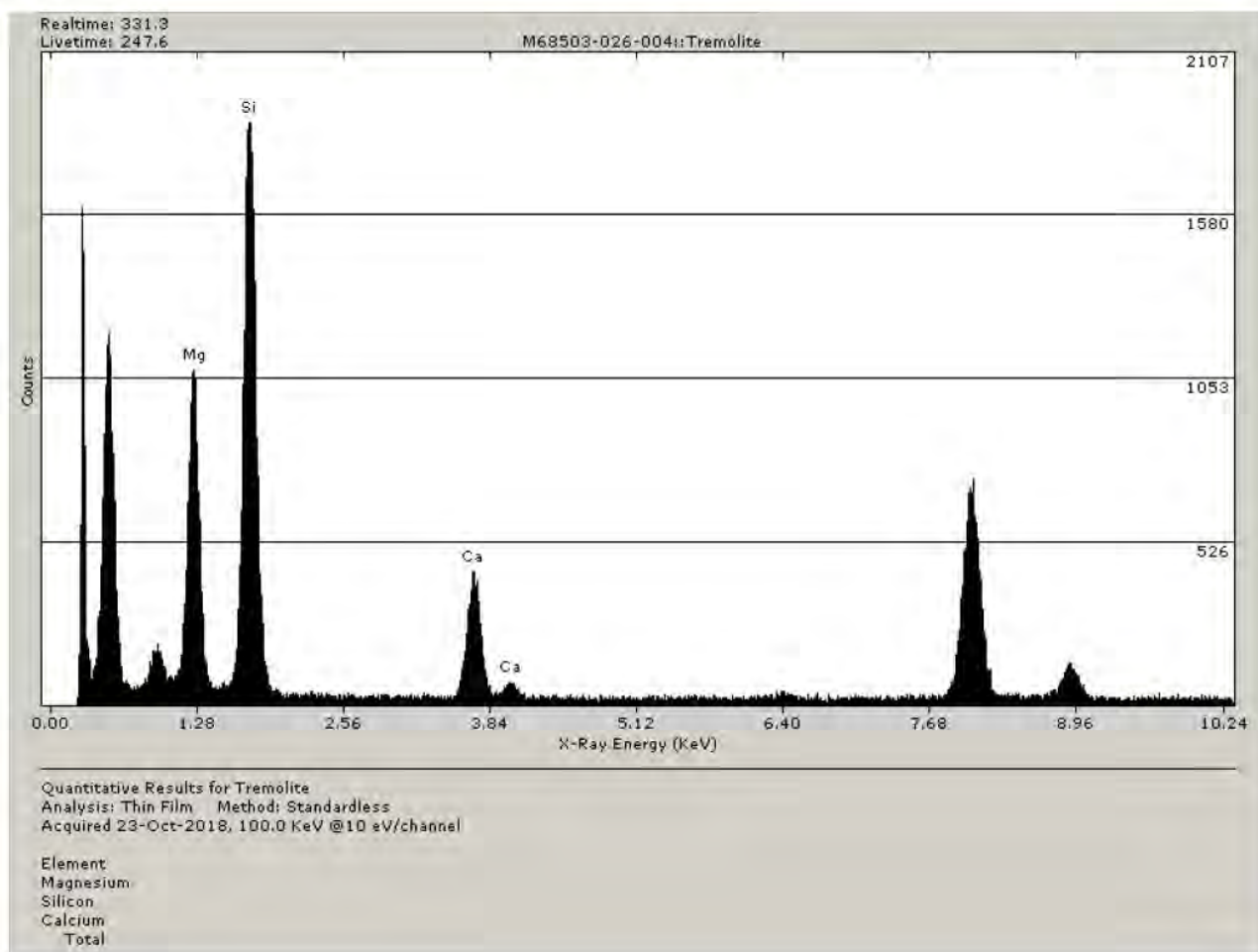
2 4689

M68503-026-003 Tremolite Diffraction @ 50cm

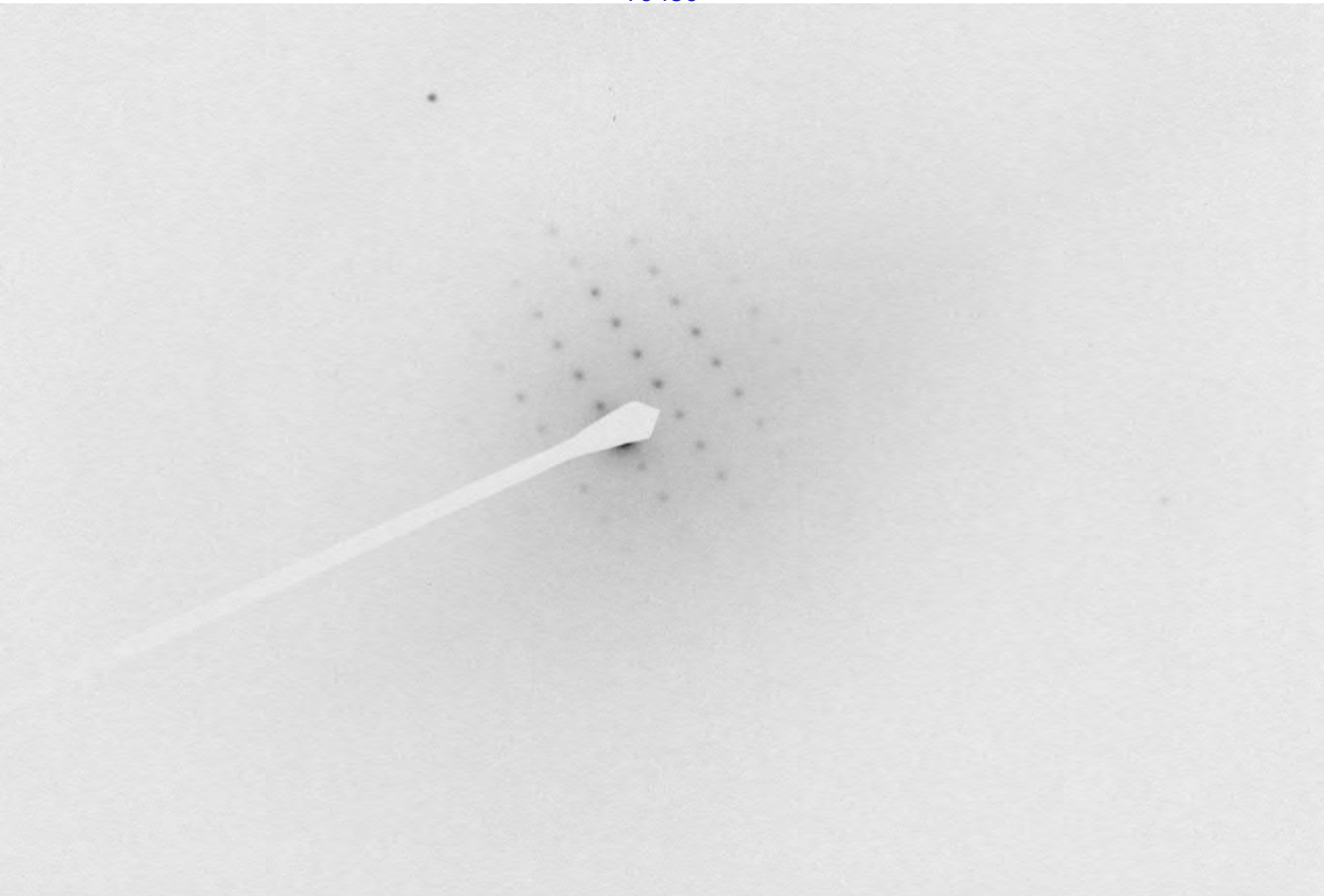
10/23/2018



2 4684 M68503-026-003 Tremolite ( 3.1 um x 0.23 um) 10/23/2018



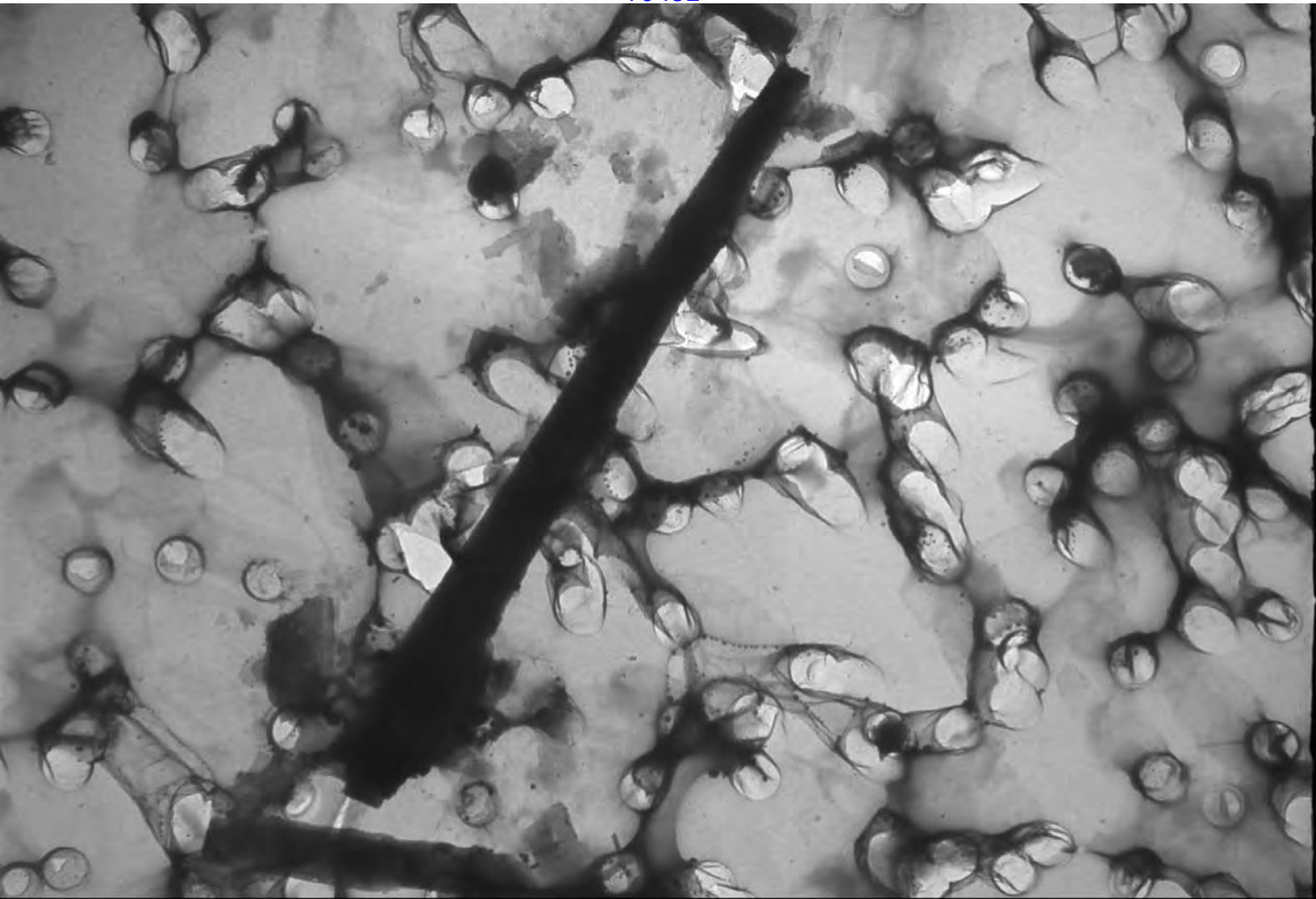




2 4690

M68503-026-004 Tremolite Diffraction @ 50cm

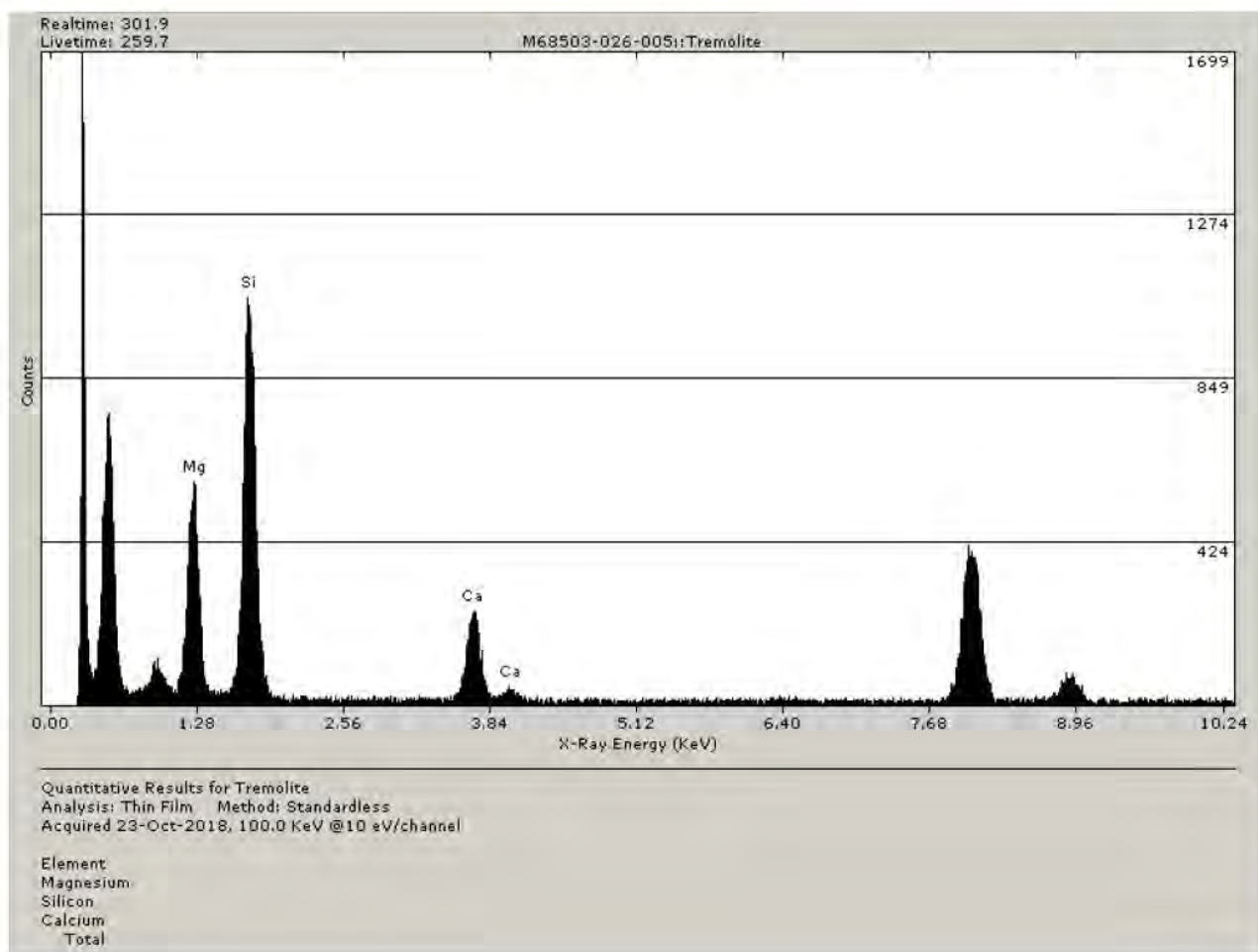
10/23/2018

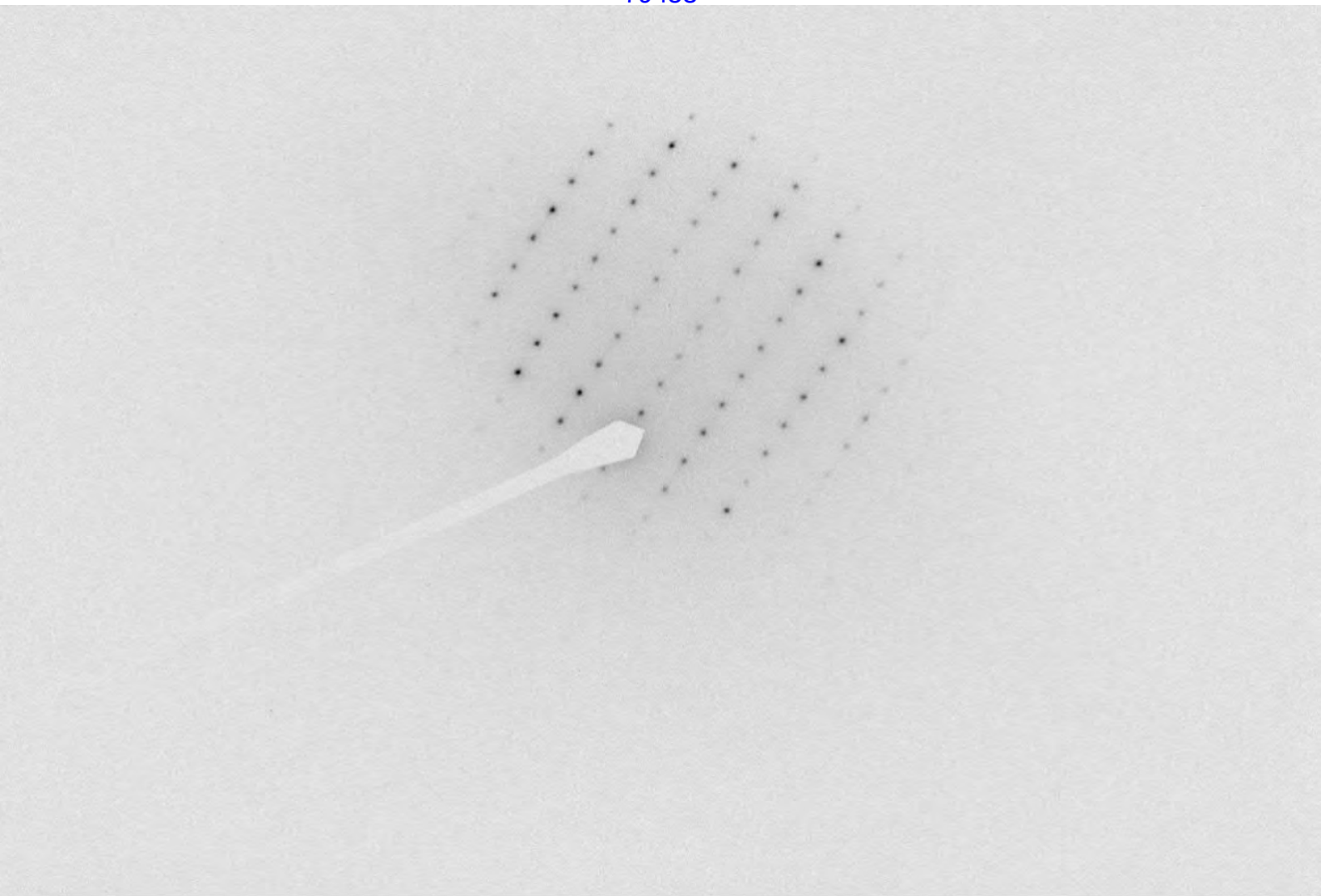


2 4691

M68503-026-004 Tremolite ( 7.6 um x 0.8 um)

10/23/2018

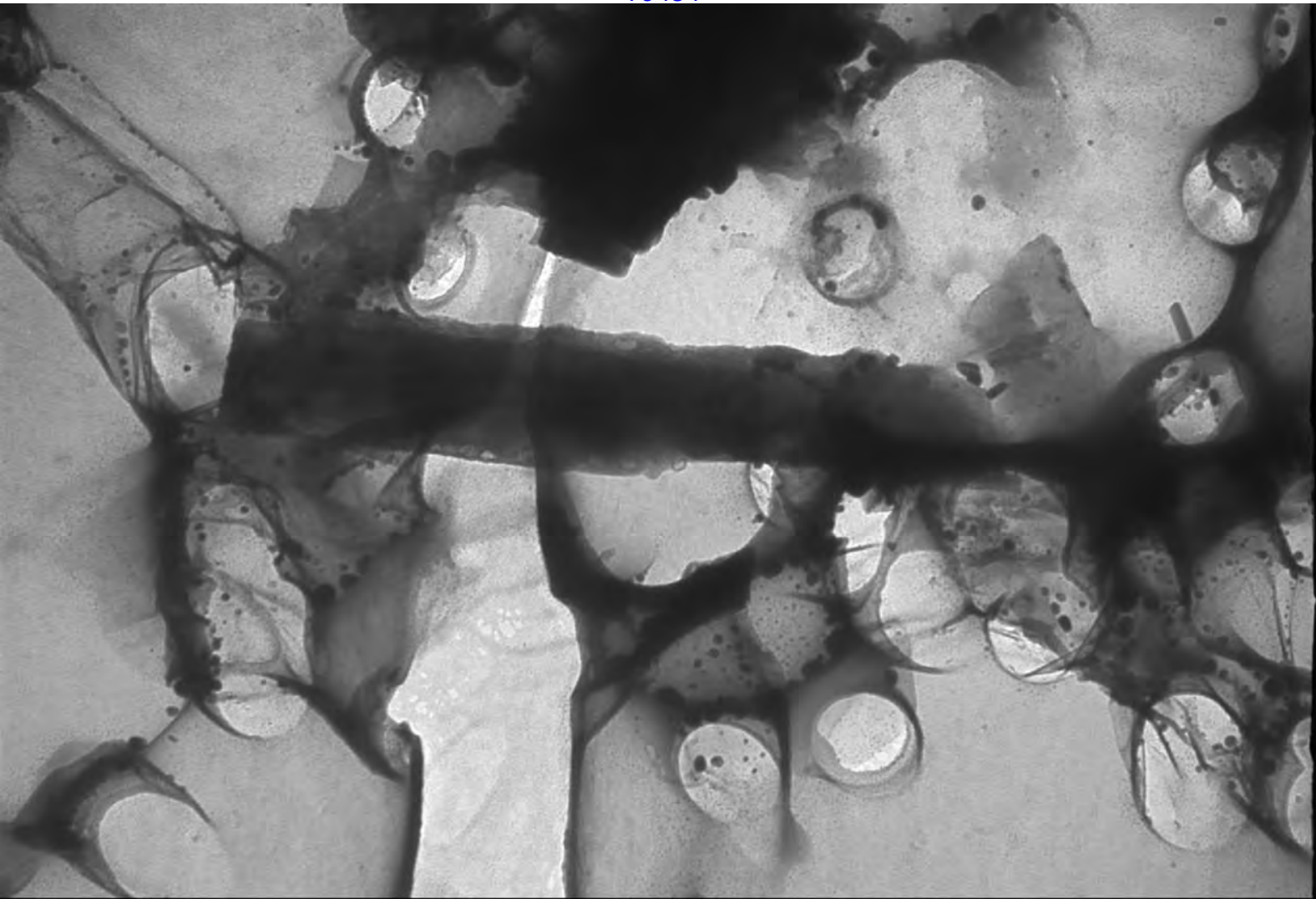




2 4694

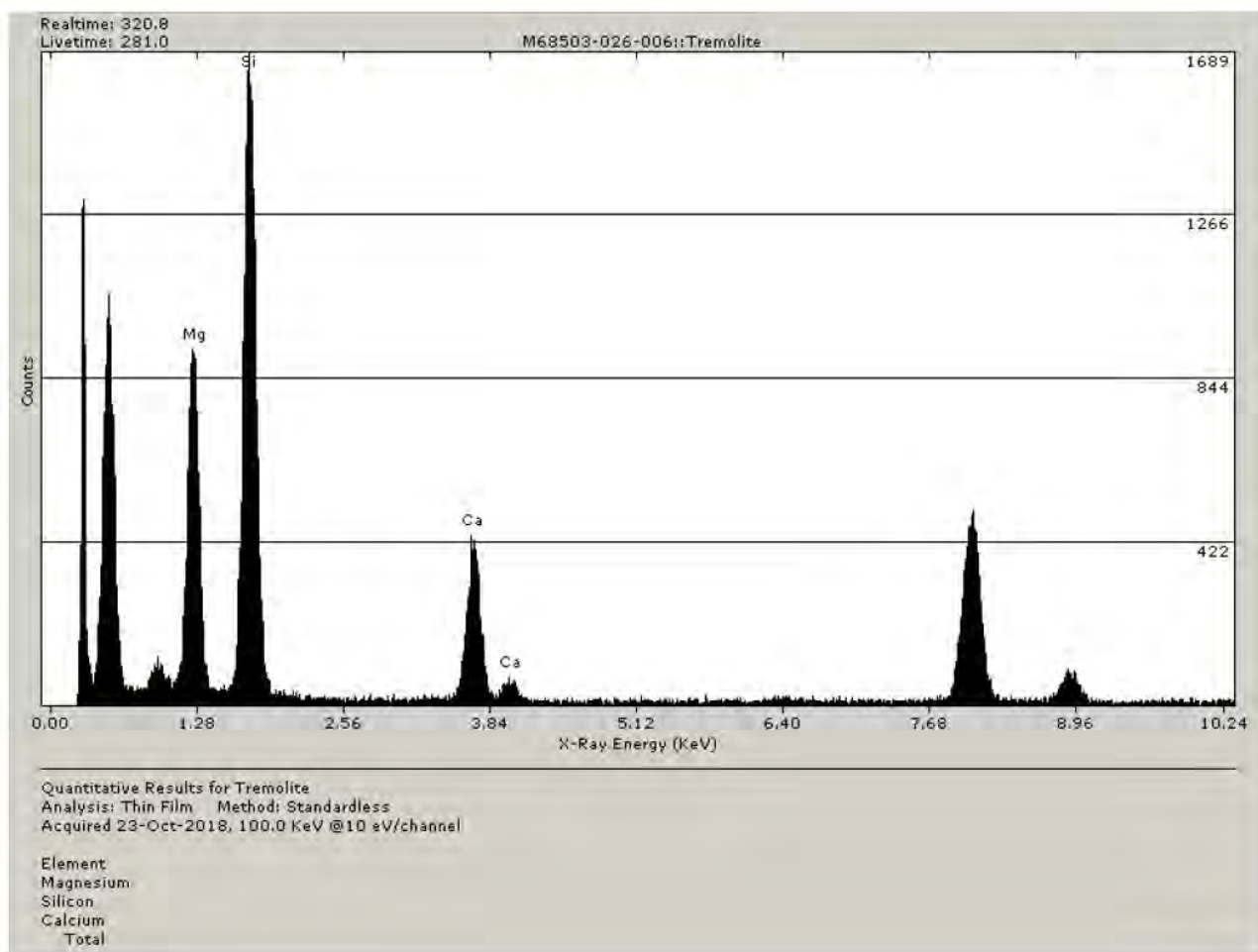
M68503-026-005 Tremolite Diffraction @ 50cm

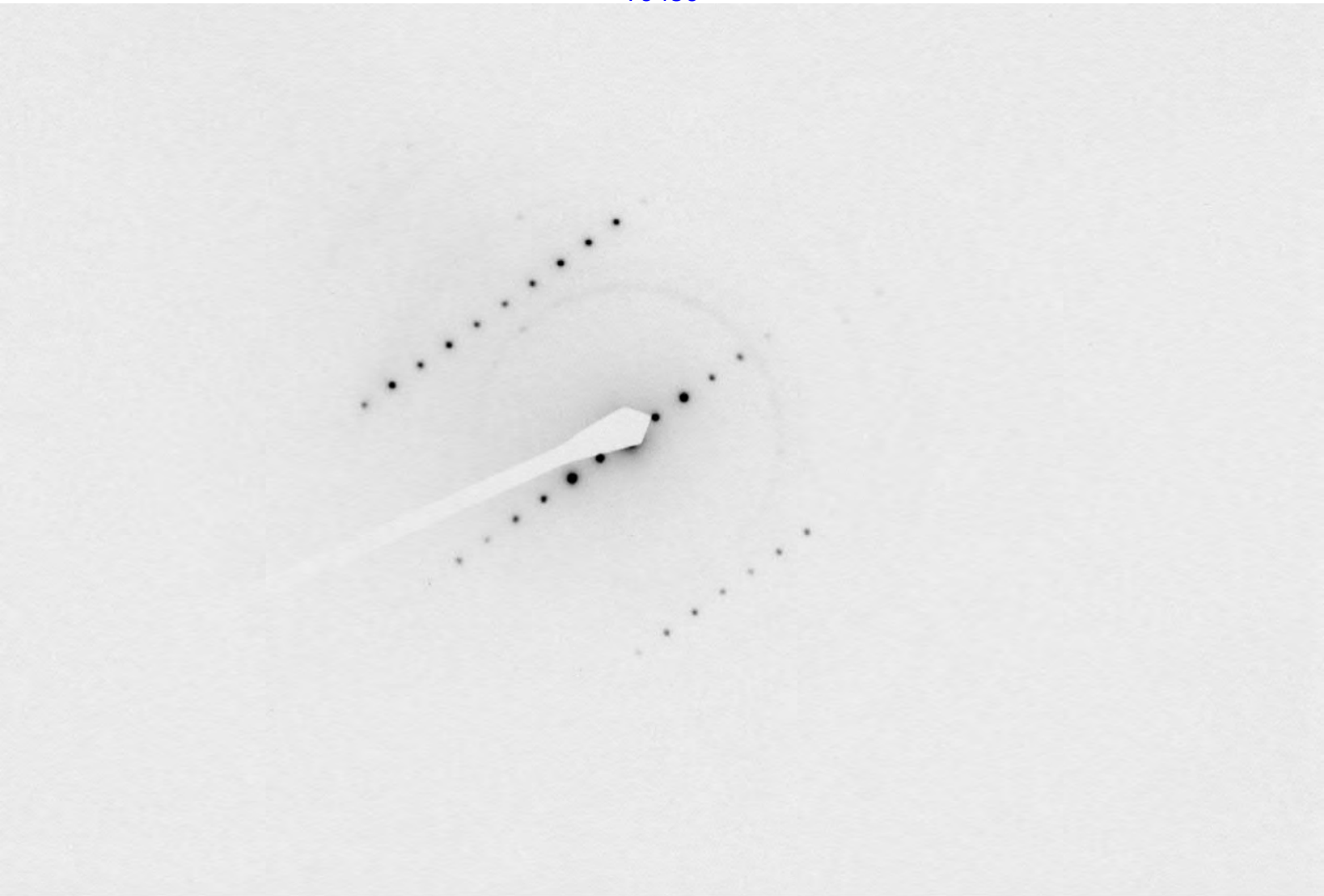
10/23/2018



2 4692 M68503-026-005 Tremolite ( 3.2 um x 0.5 um) 10/23/2018



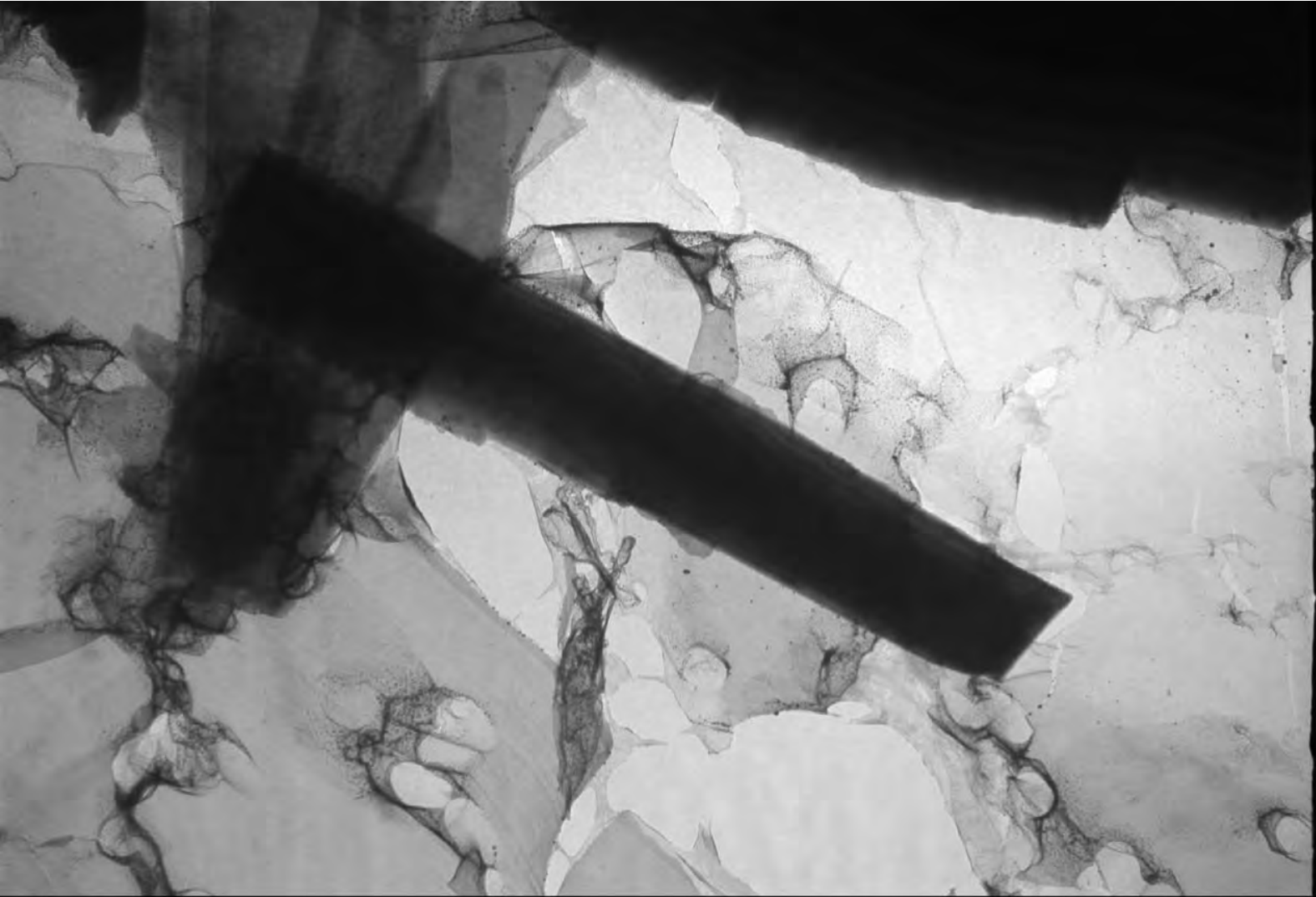




2 4697

M68503-026-006 Tremolite Diffraction @ 50cm

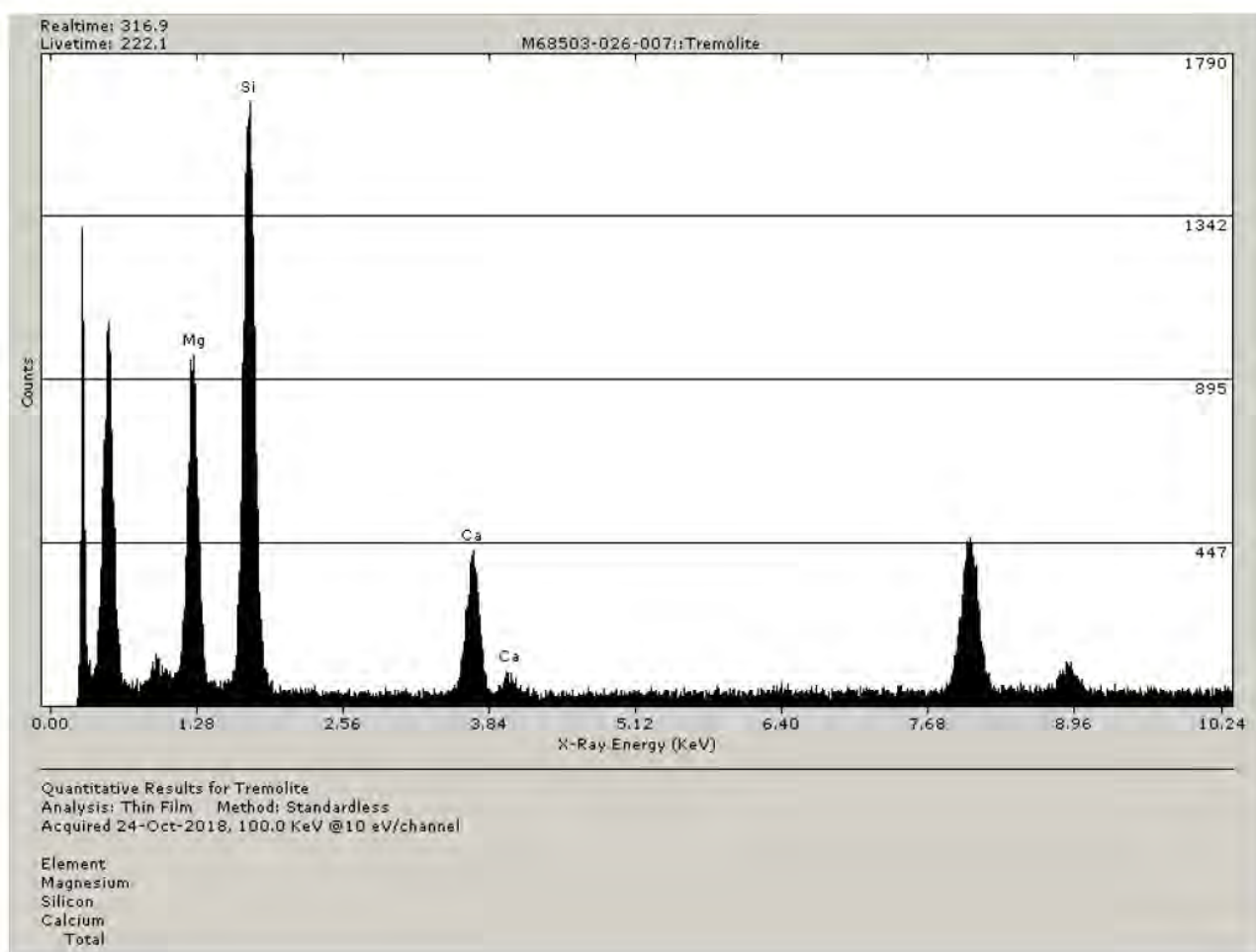
10/23/2018

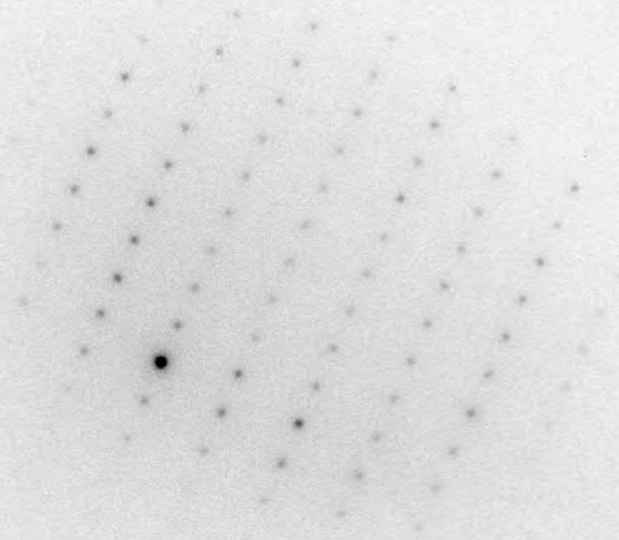


2 4698

M68503-026-006 Tremolite ( 7.3 um x 1.2 um)

10/23/2018



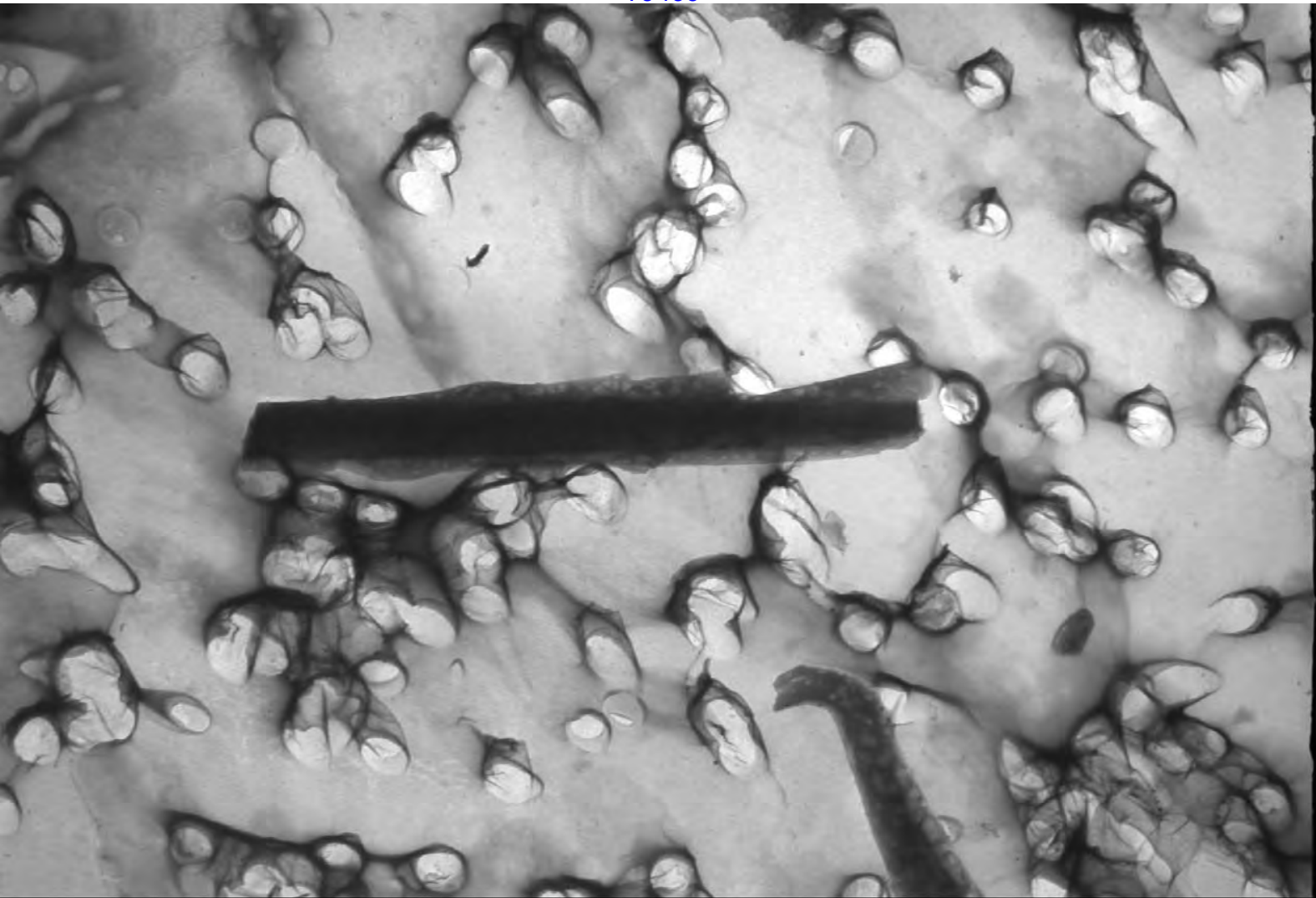


2 4701

M68503-026-007 Tremolite Diffraction @ 50cm

10/24/2018

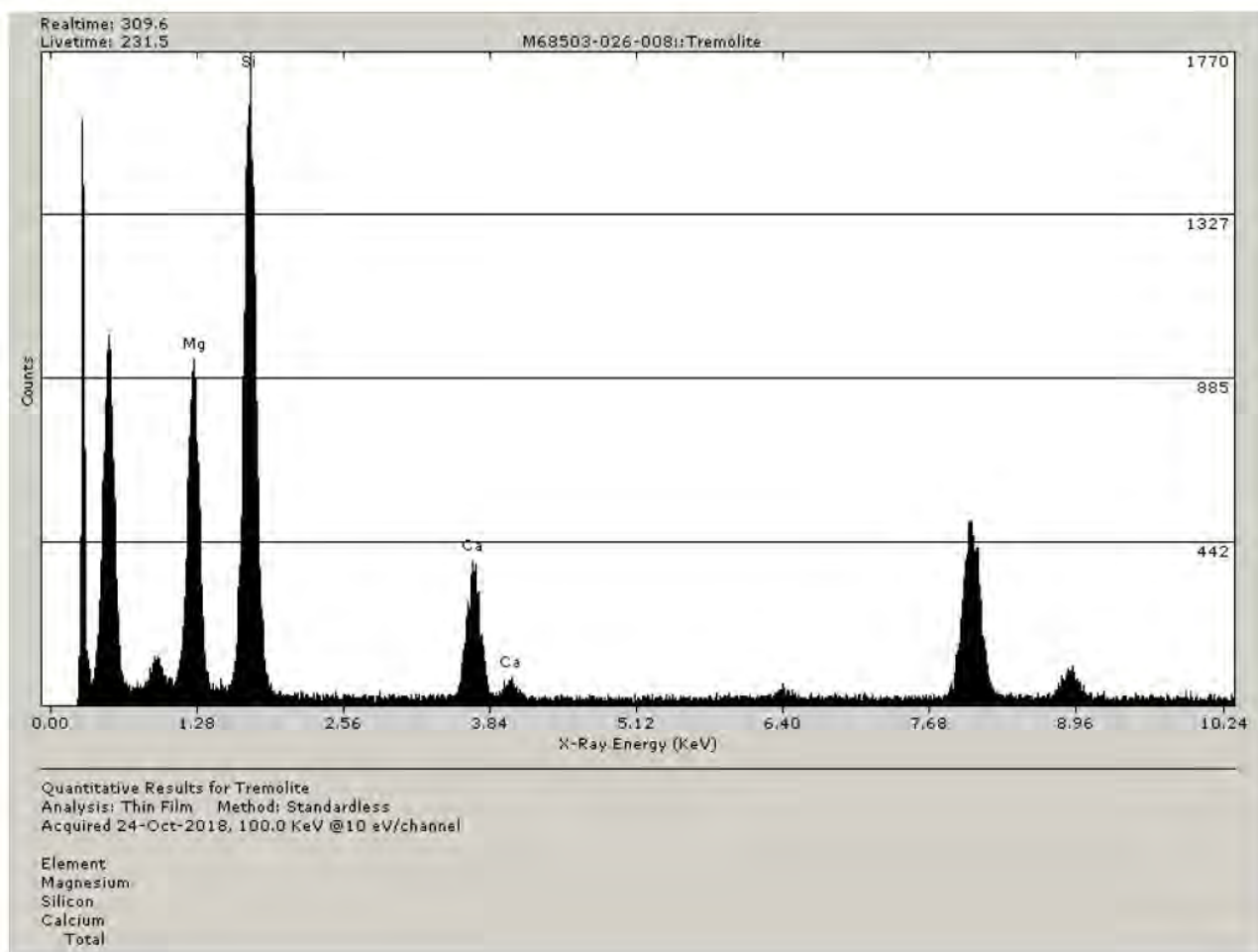


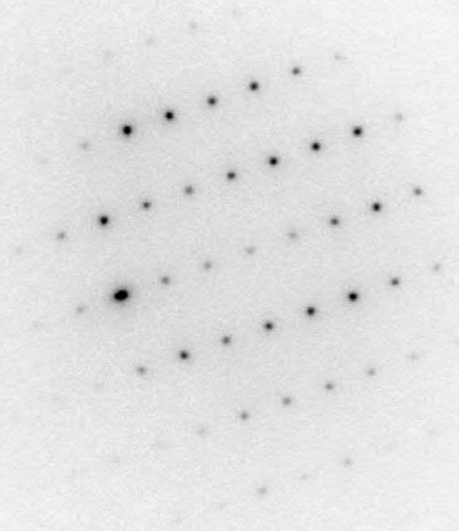


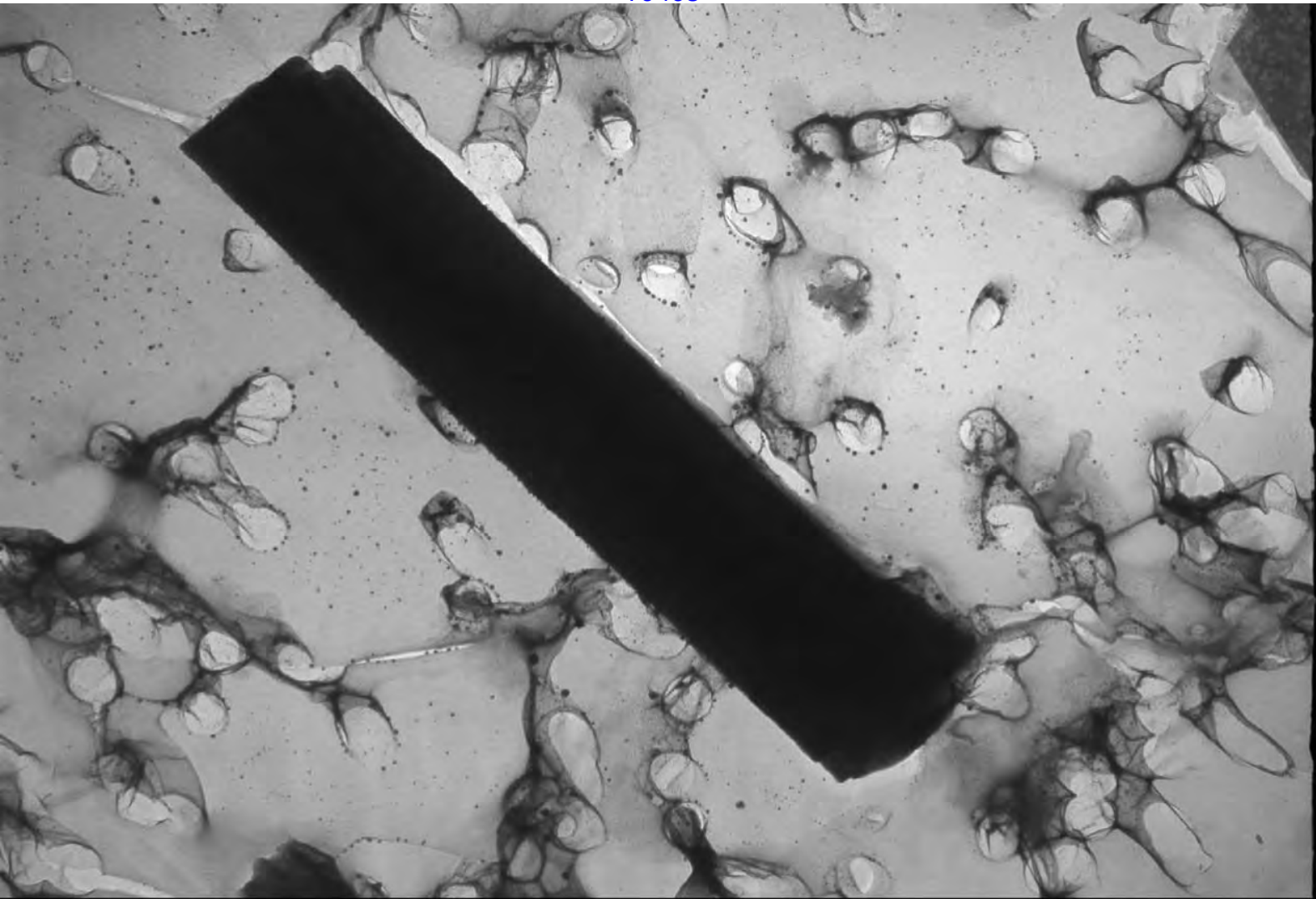
2 4703

M68503-026-007 Tremolite ( 7.3 um x 0.7 um)

10/24/2018



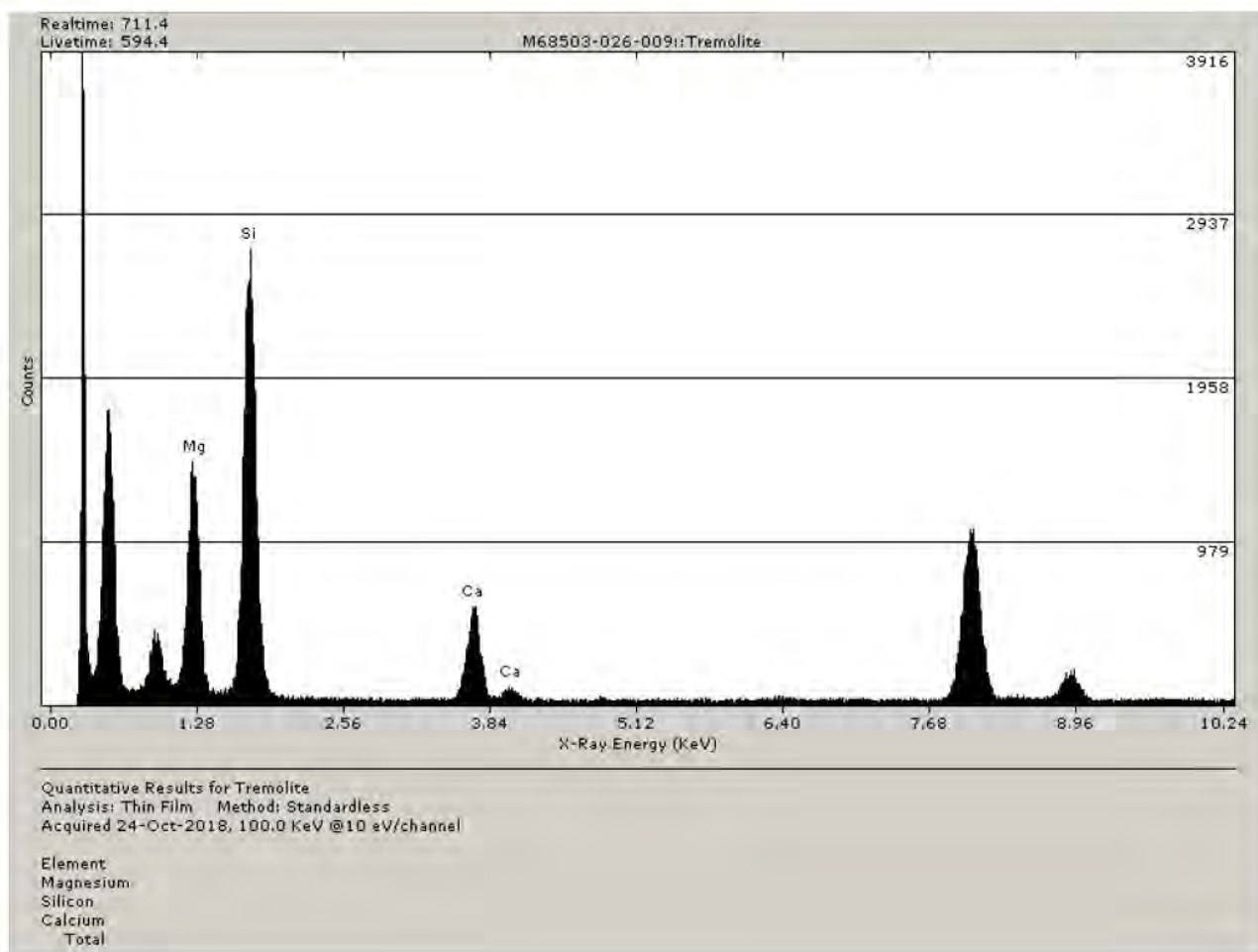




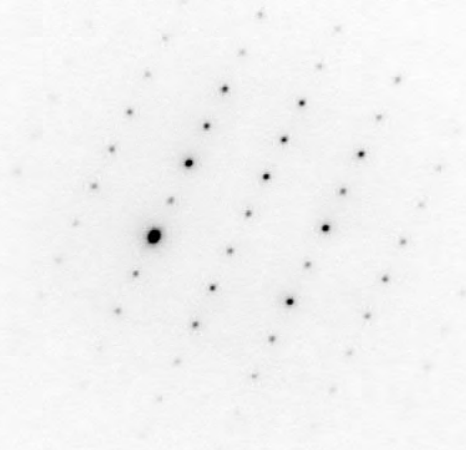
2 4709

M68503-026-008 Tremolite ( 9.8 um x 1.8 um)

10/24/2018



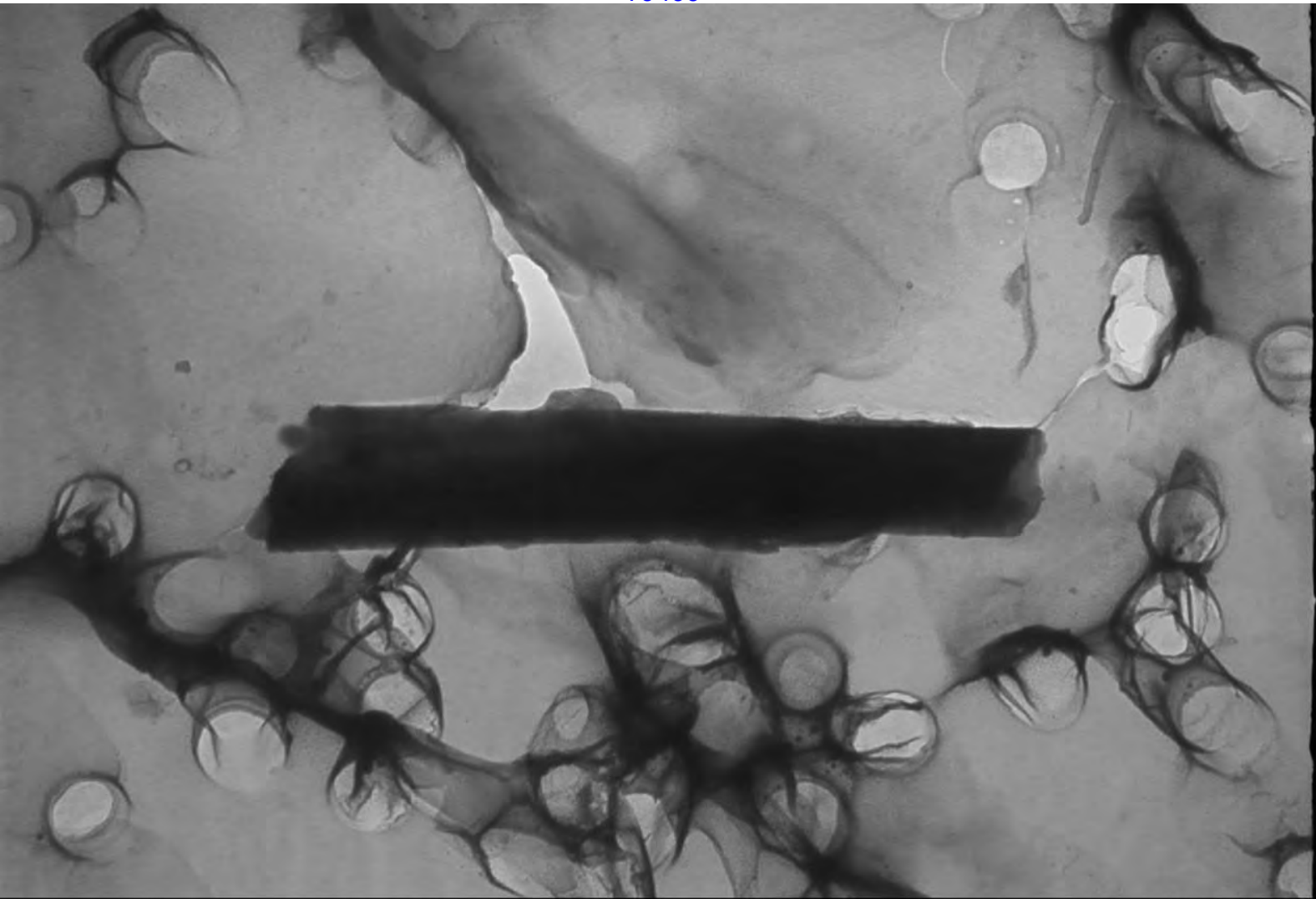




2 4713

M68503-026-009 Tremolite Diffraction @ 50cm

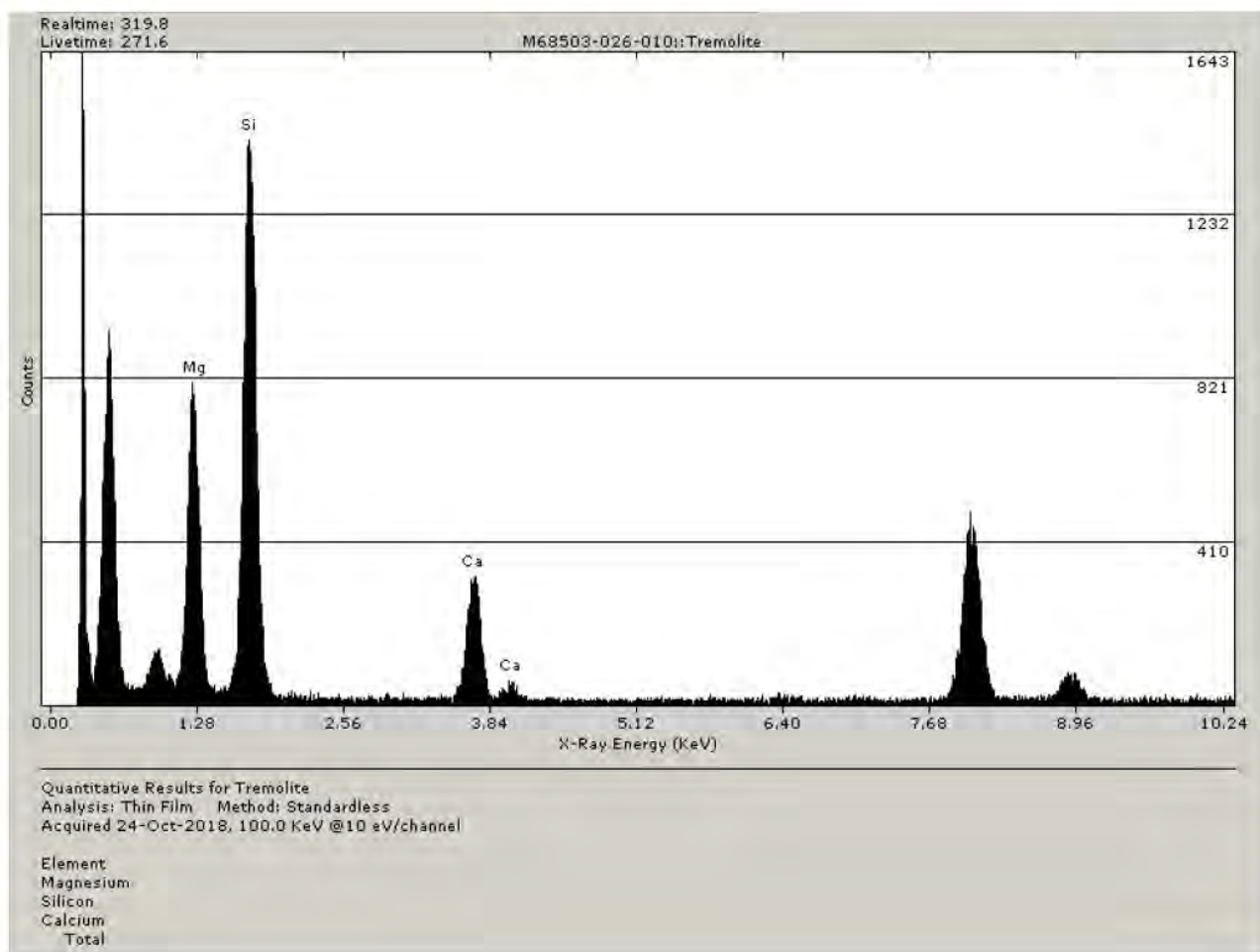
10/24/2018

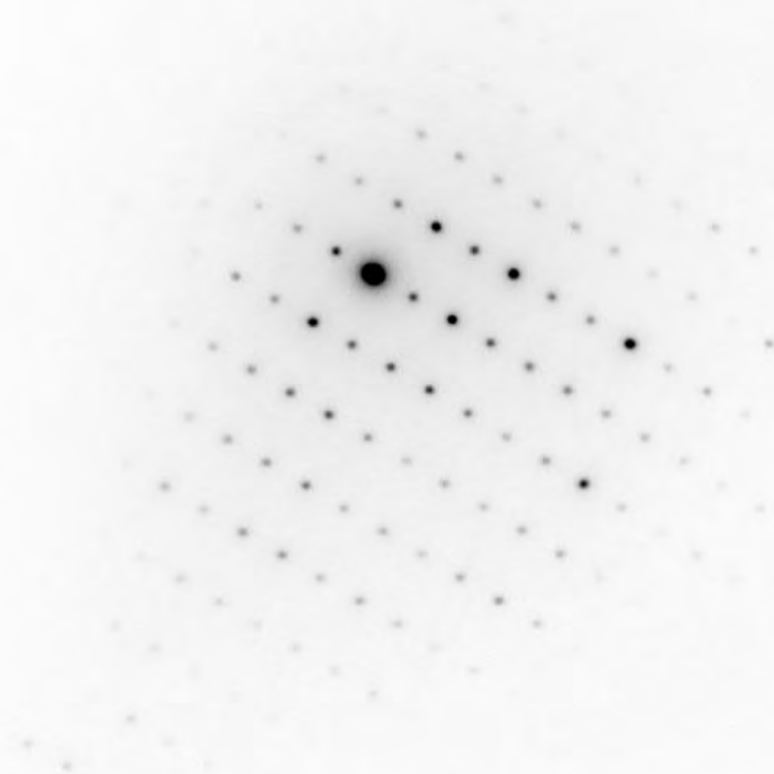


2 4714

M68503-026-009 Tremolite ( 4.3 um x 0.8 um)

10/24/2018

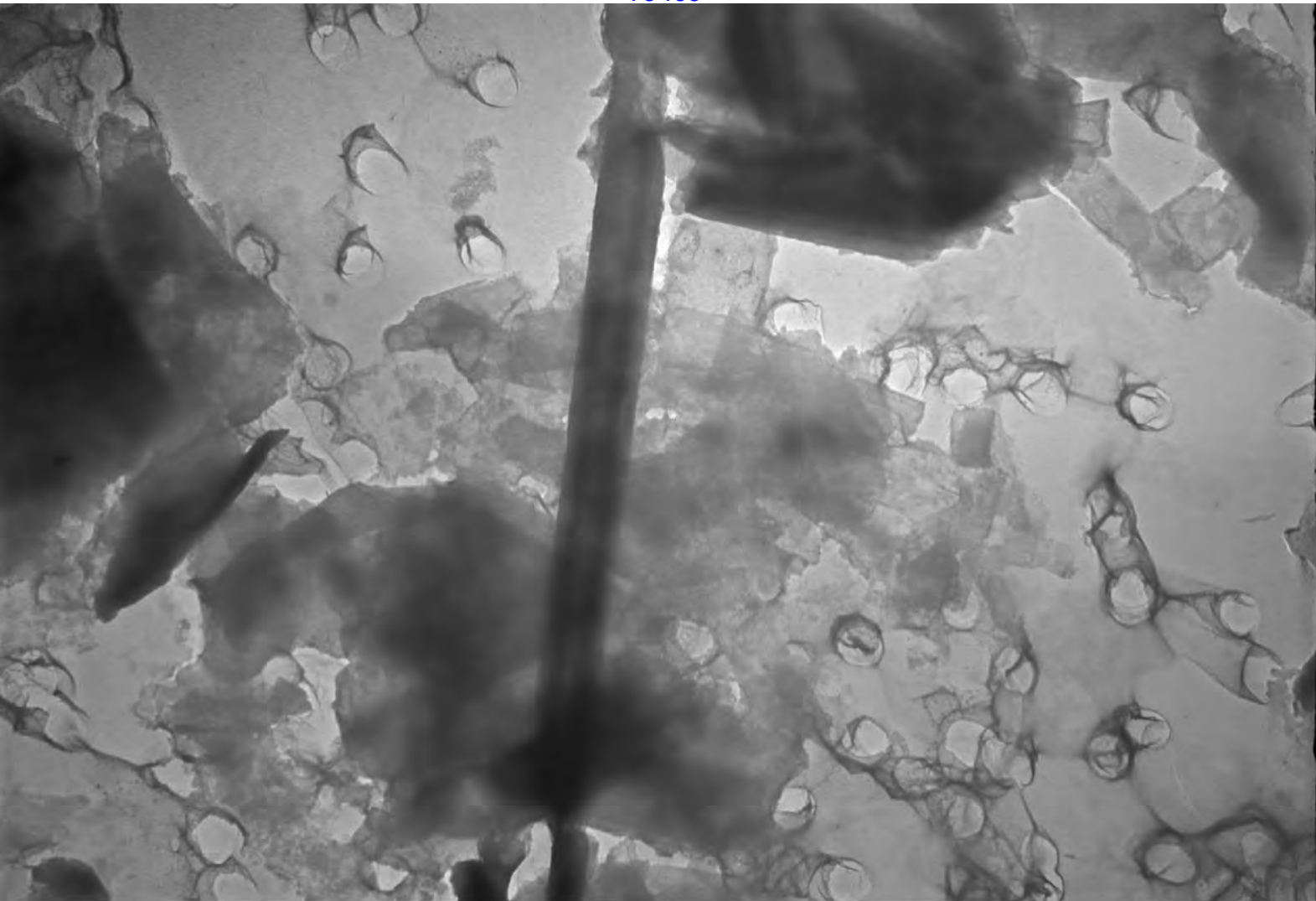




2 4715

M68503-026-010 Tremolite Diffraction @ 50cm

10/24/2018

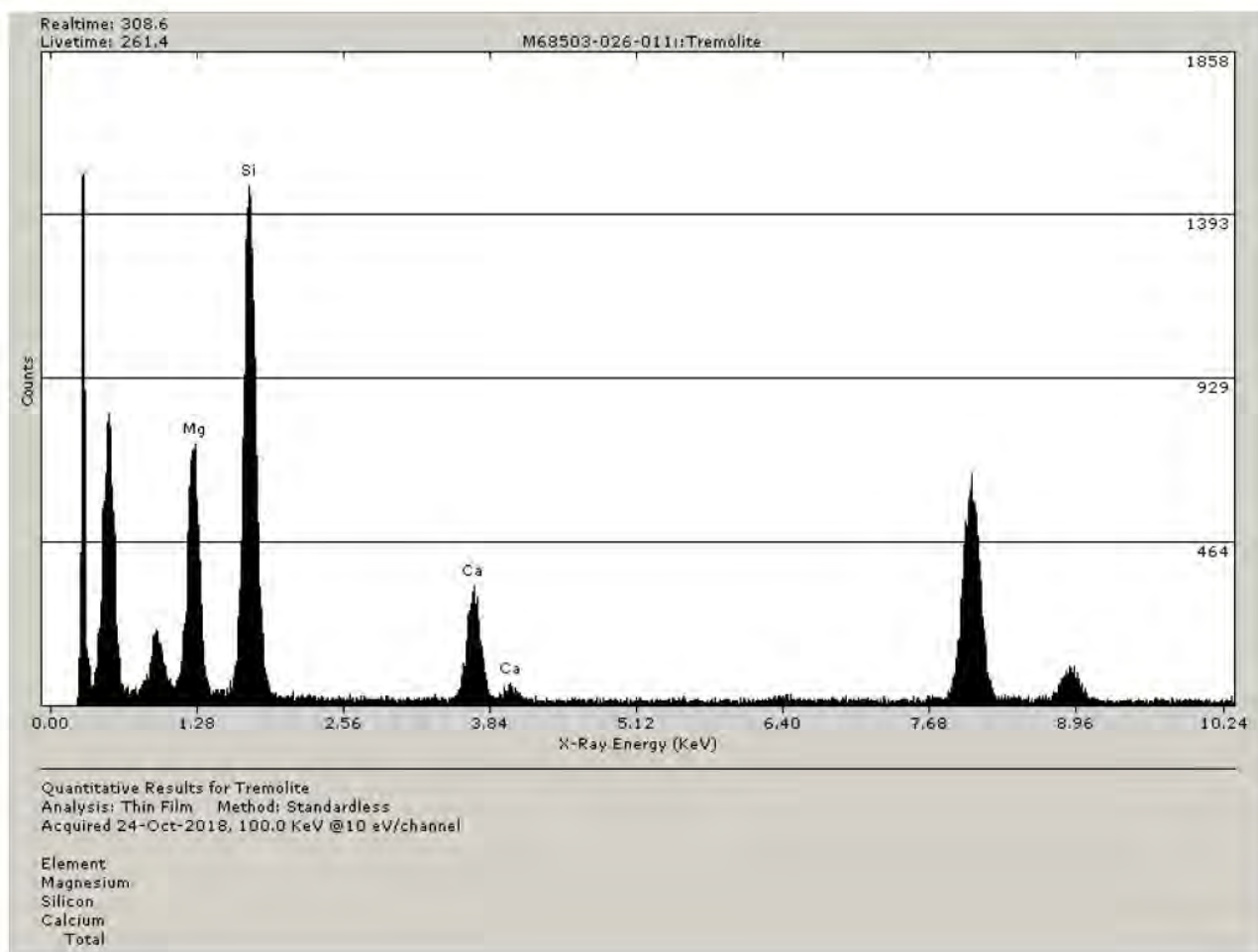


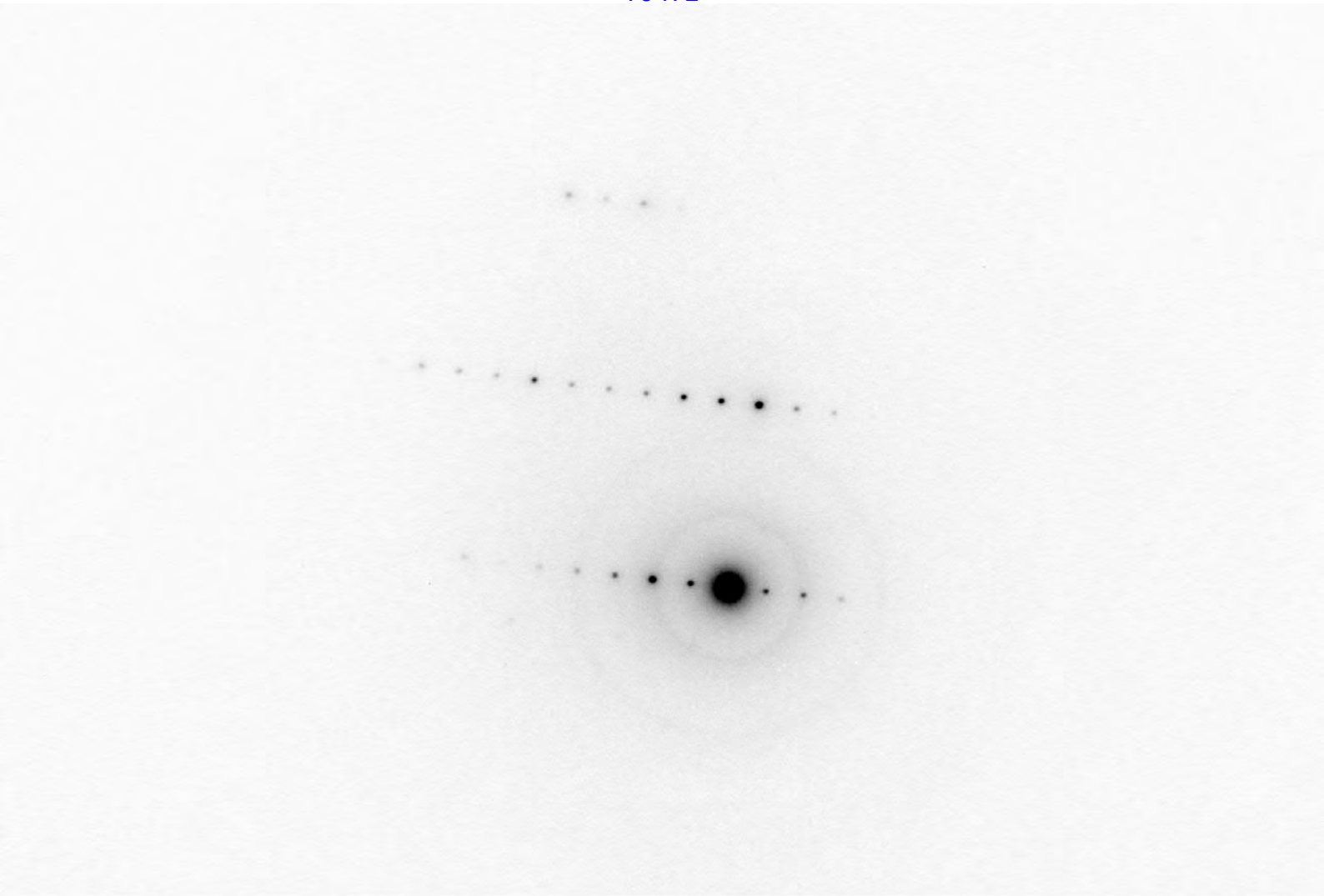
2 4717

M68503-026-010 Tremolite ( 7.0  $\mu\text{m}$  x 0.8  $\mu\text{m}$ )

10/24/2018



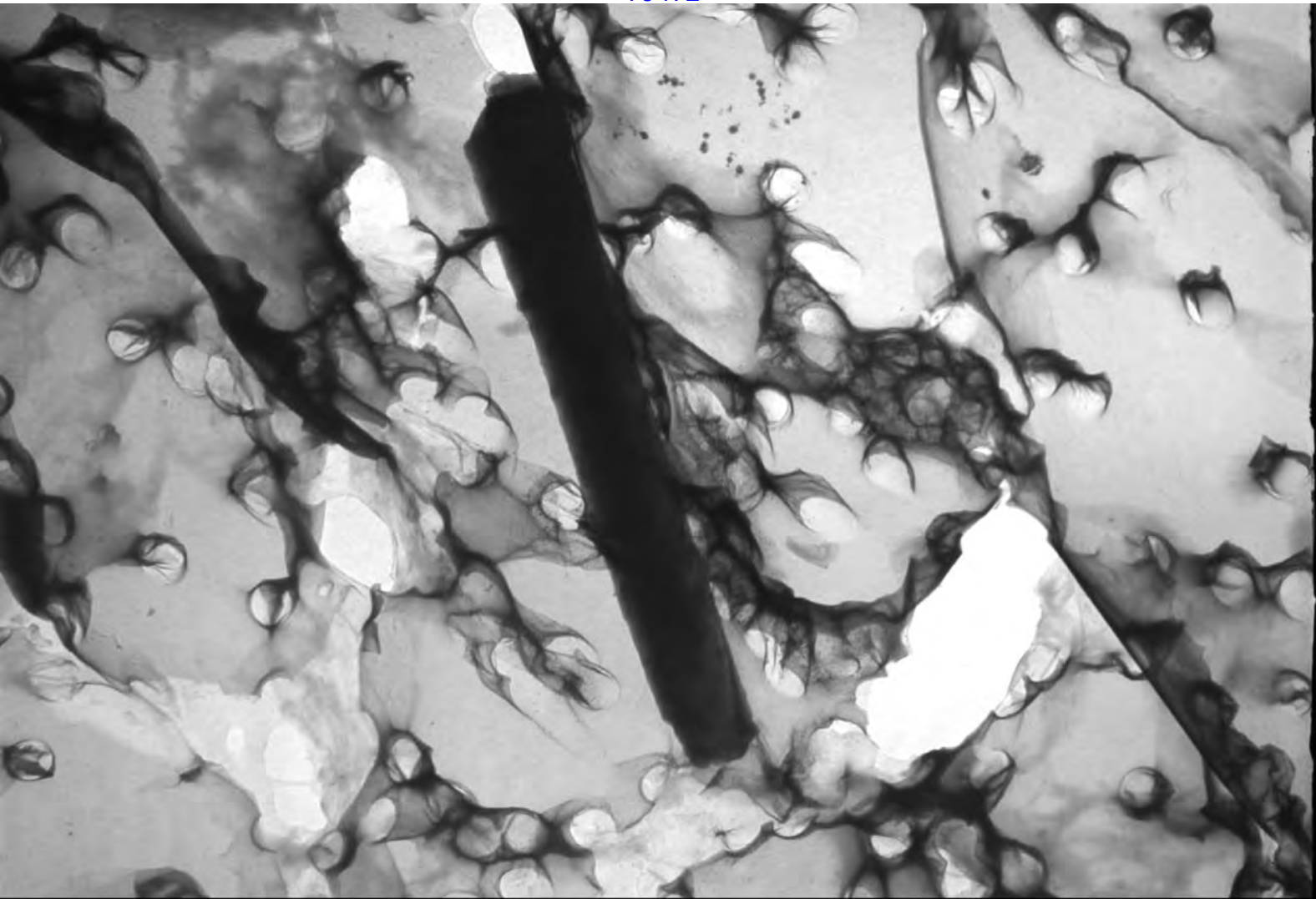




2 4718

M68503-026-011 Tremolite Diffraction @ 50cm

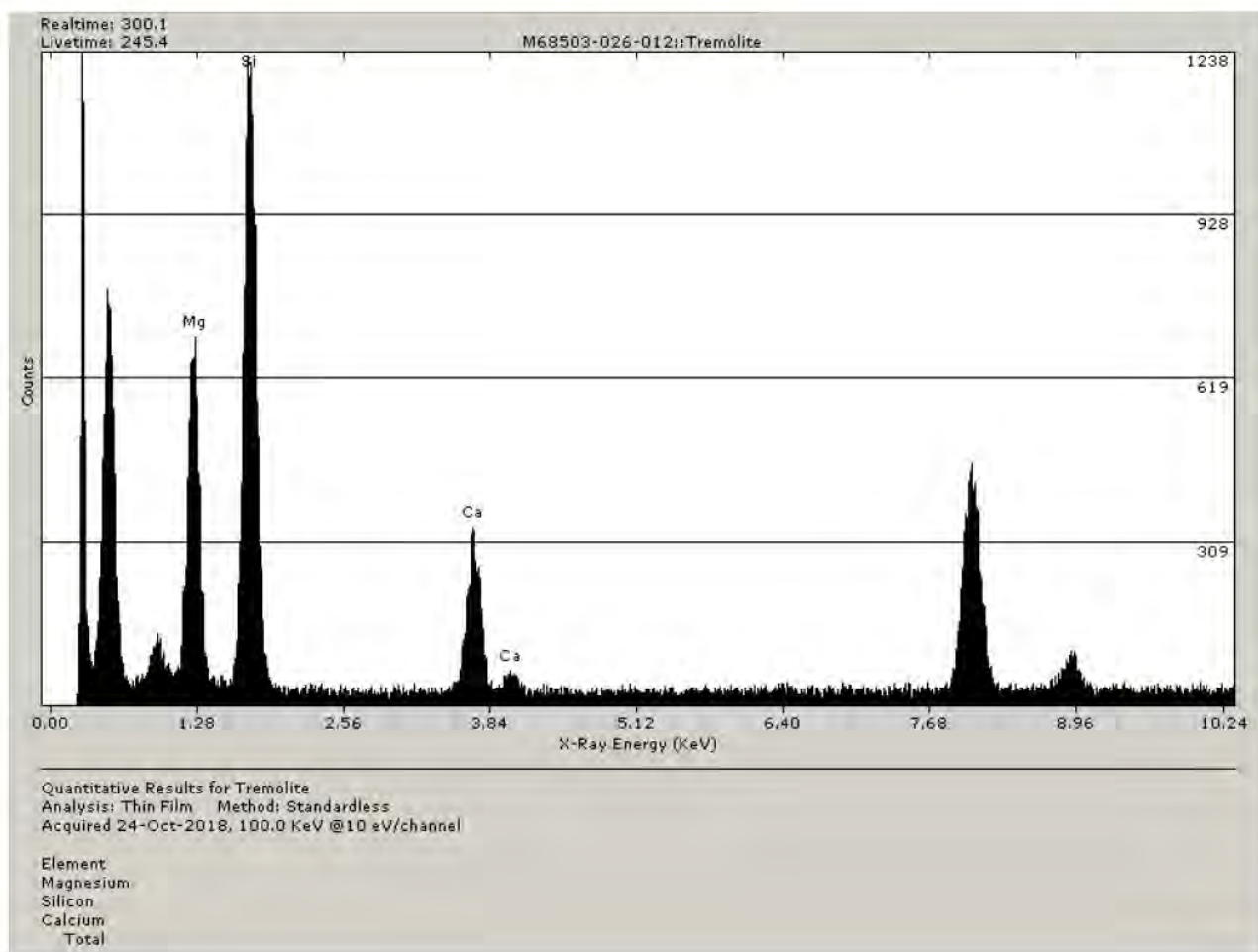
10/24/2018

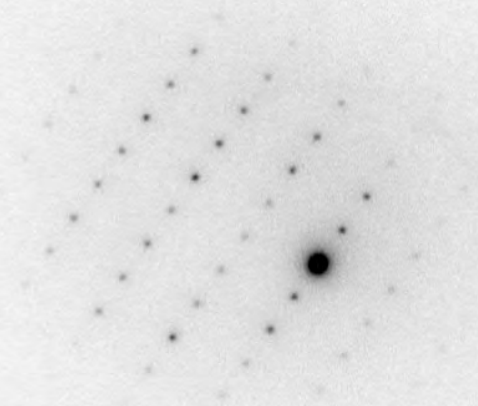


2 4719

M68503-026-011 Tremolite ( 7.4 um x 1.1 um)

10/24/2018



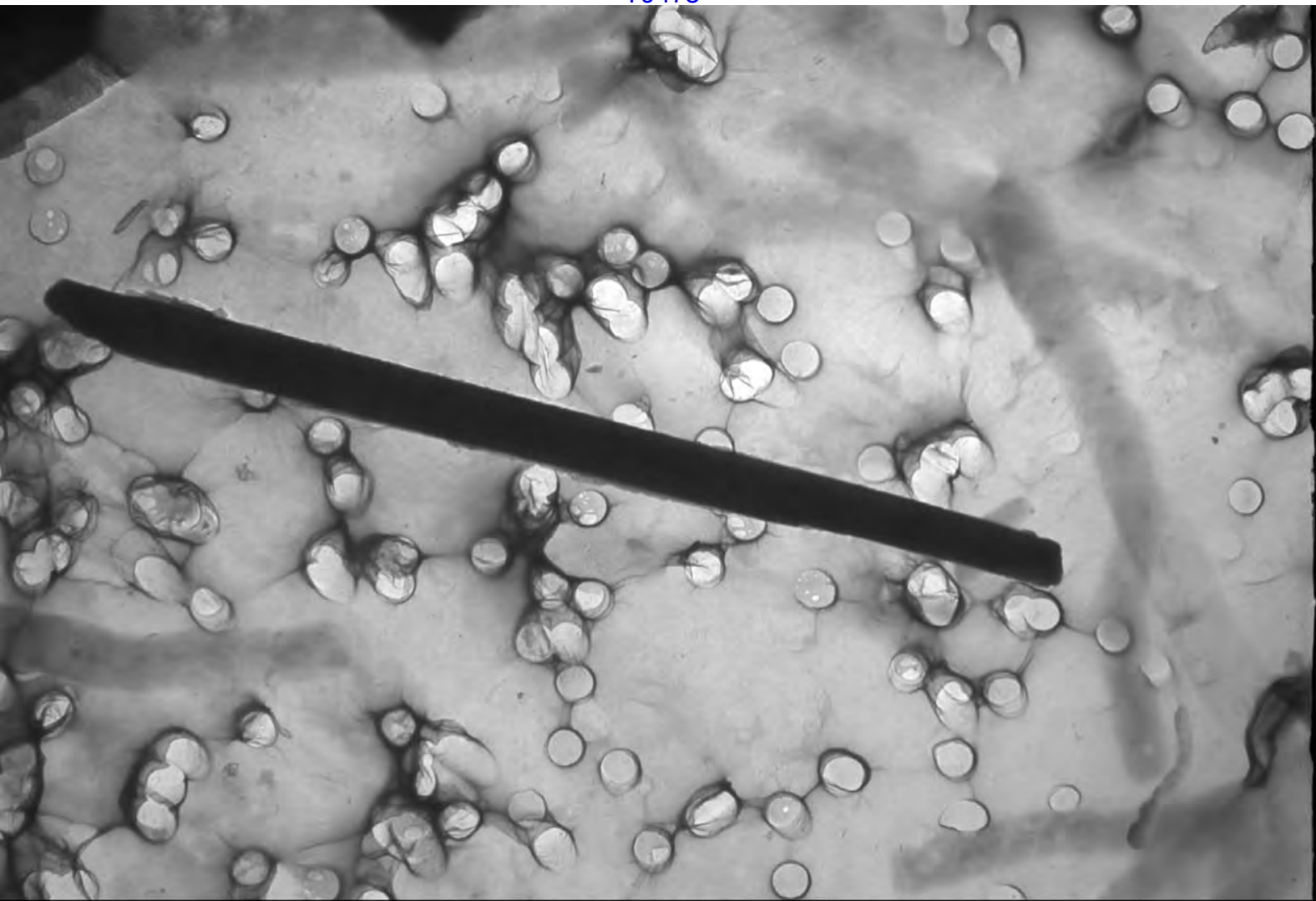


2 4722

M68503-026-012 Tremolite Diffraction @ 50cm

10/24/2018

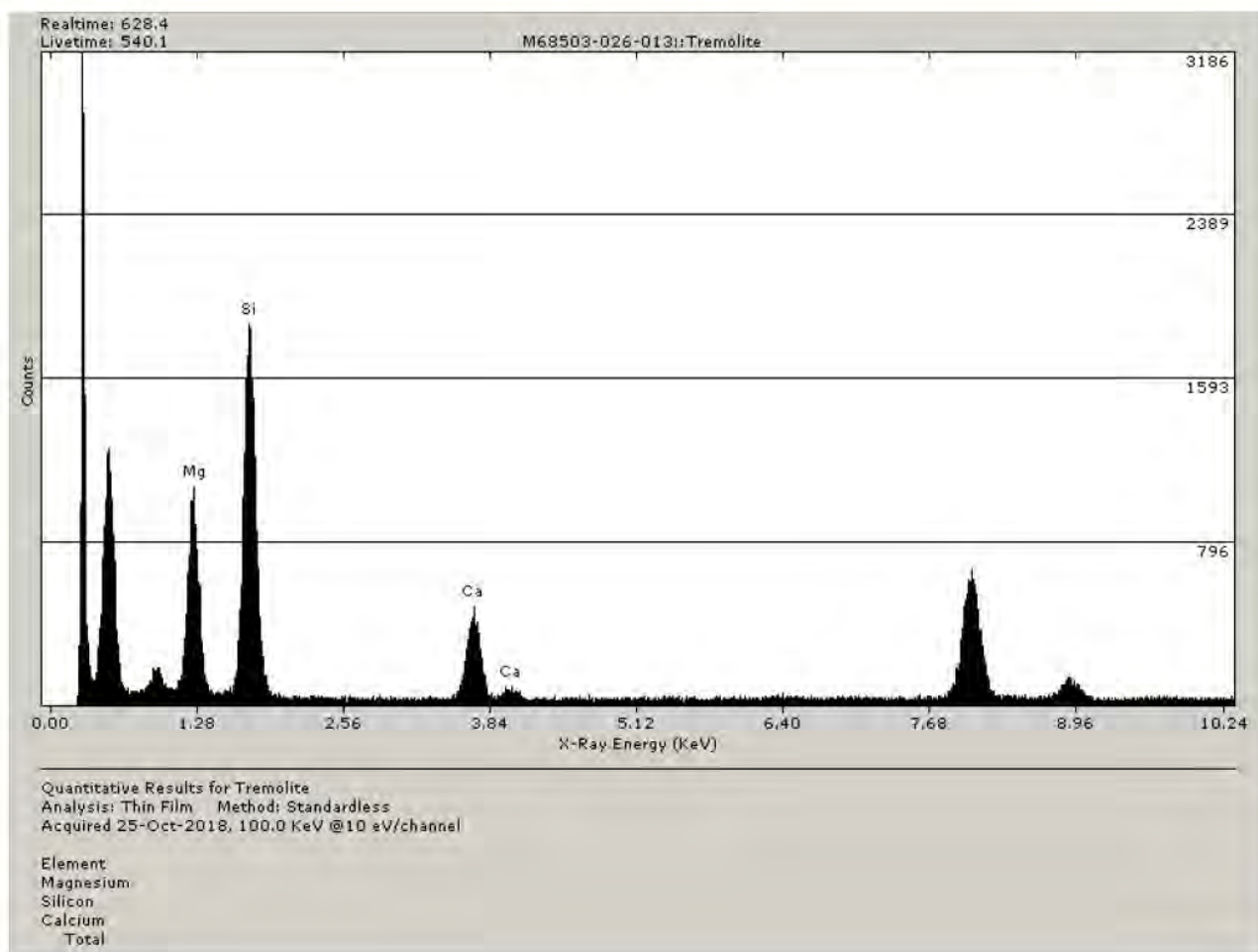


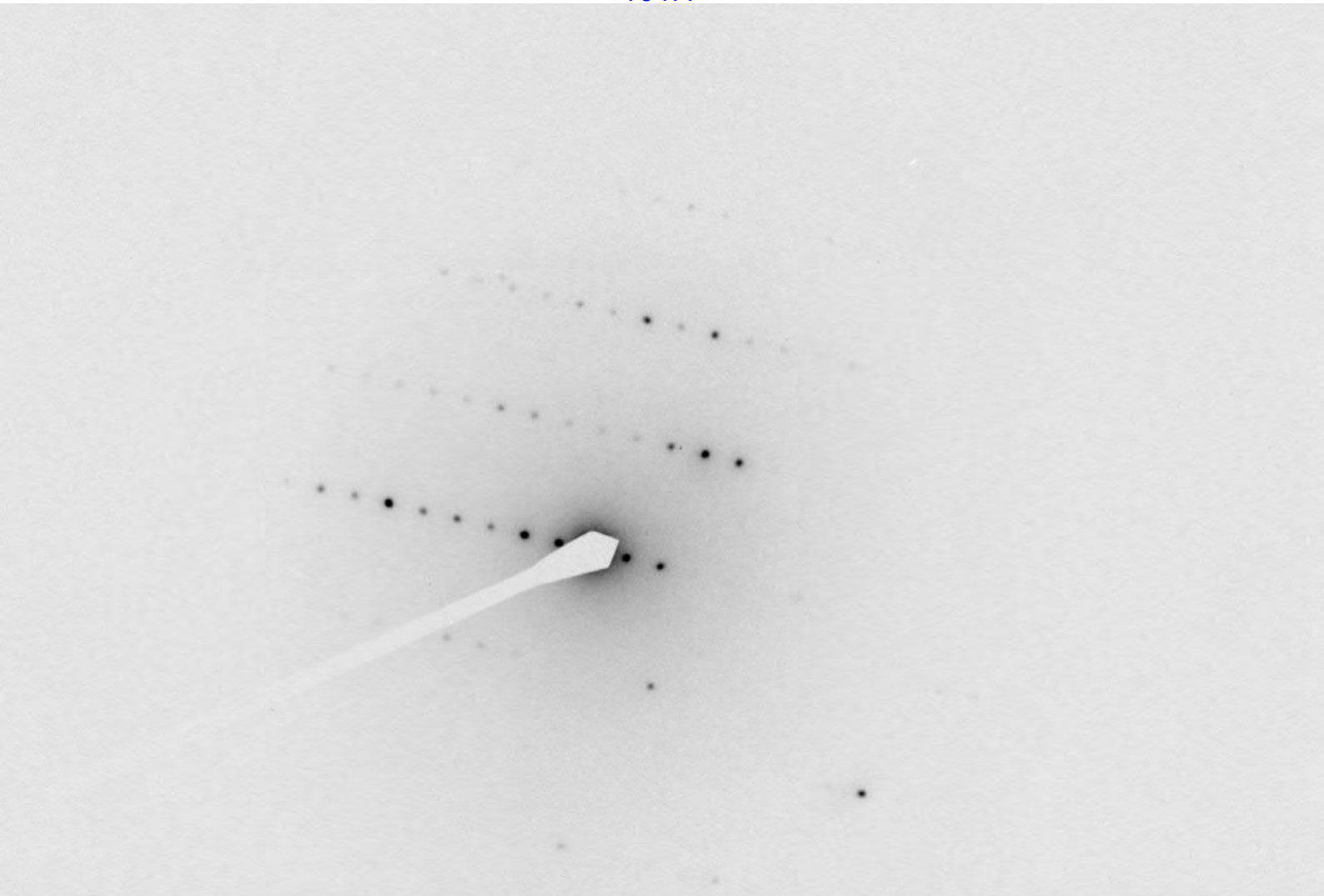


2 4723

M68503-026-012 Tremolite ( 13.3 um x 0.7 um)

10/24/2018

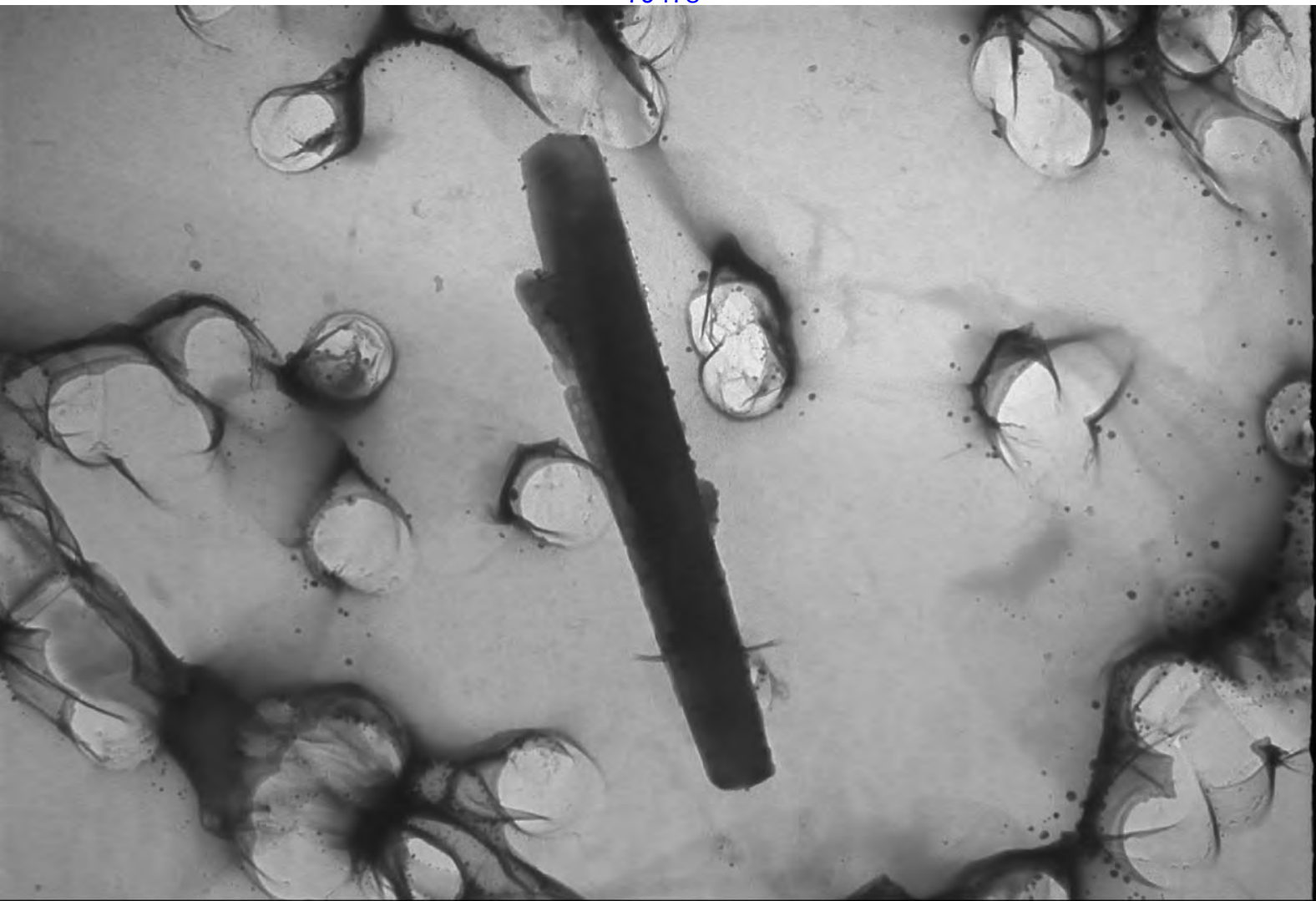




2 4727

M68503-026-013 Tremolite Diffraction @ 50cm

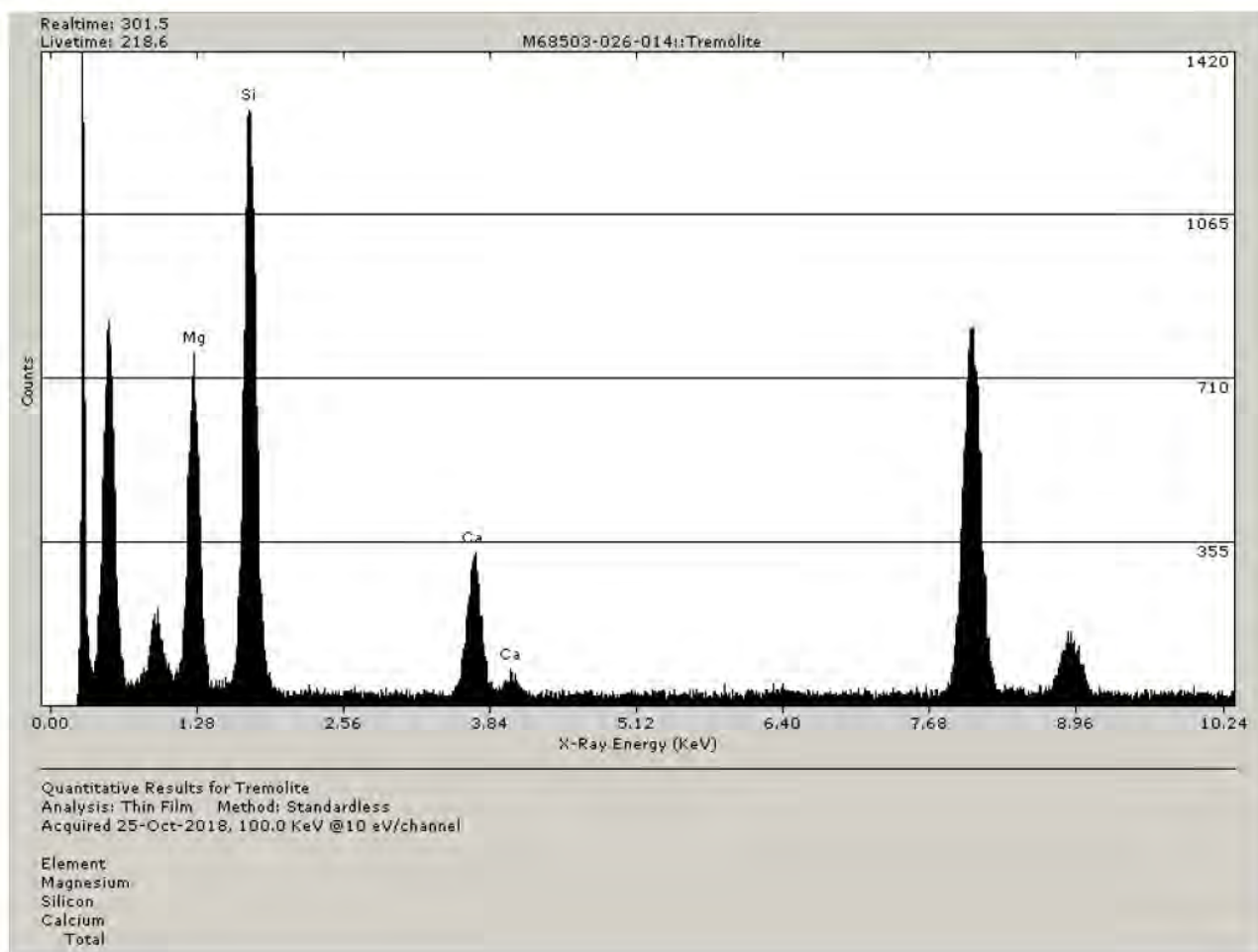
10/25/2018



2 4728

M68503-026-013 Tremolite ( 3.7 um x 0.45 um)

10/25/2018



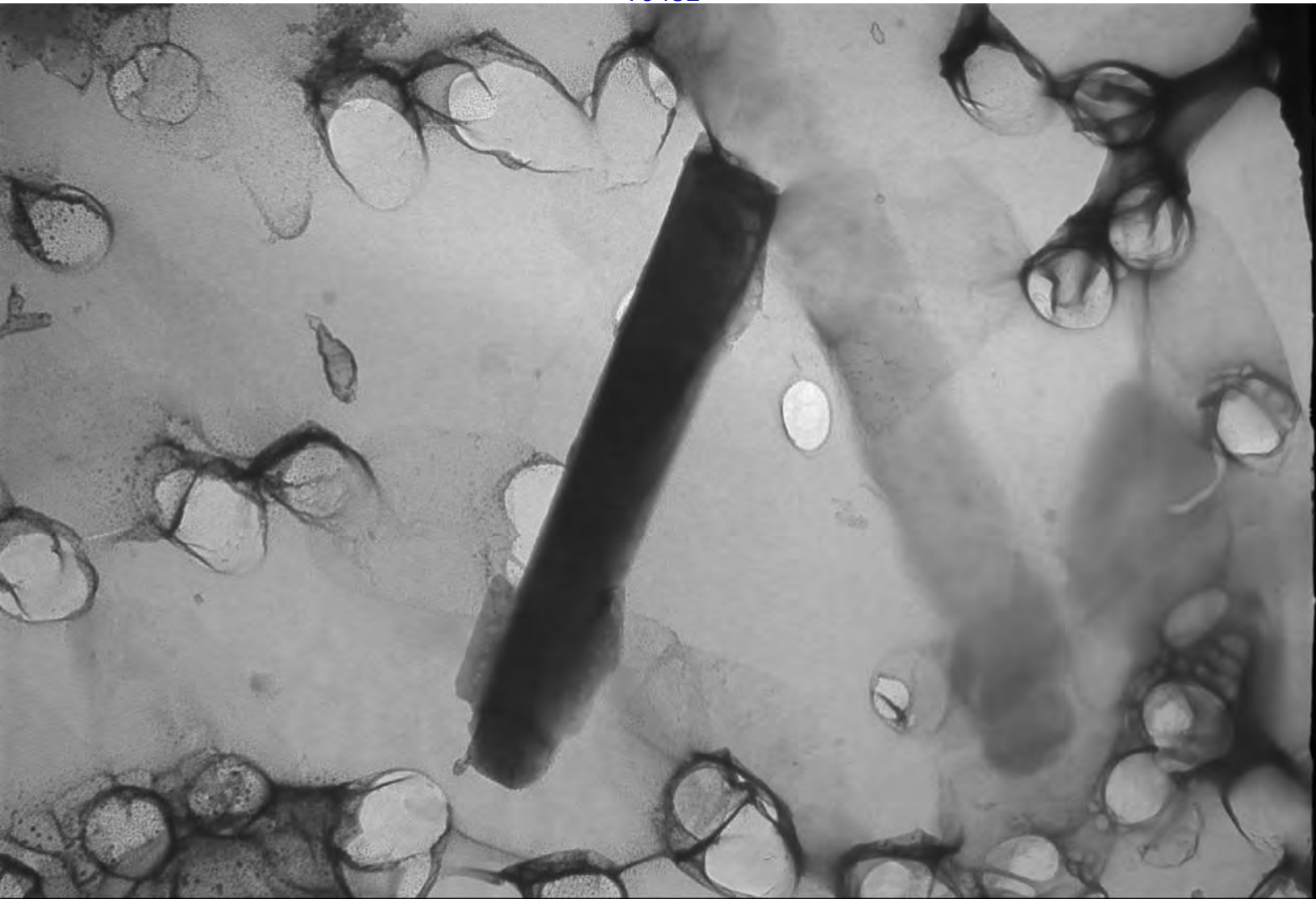




2 4729

M68503-026-014 Tremolite Diffraction @ 50cm

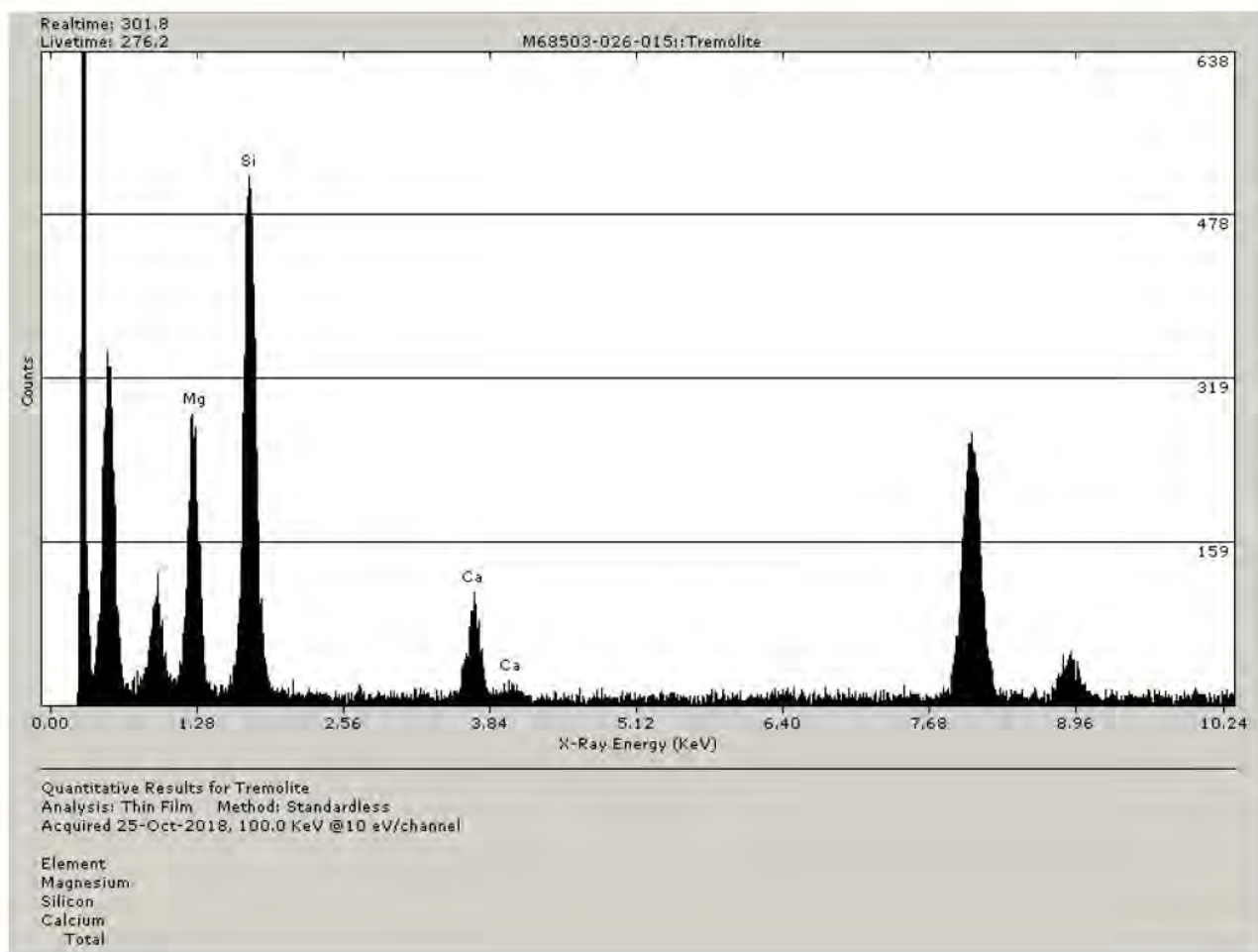
10/25/2018

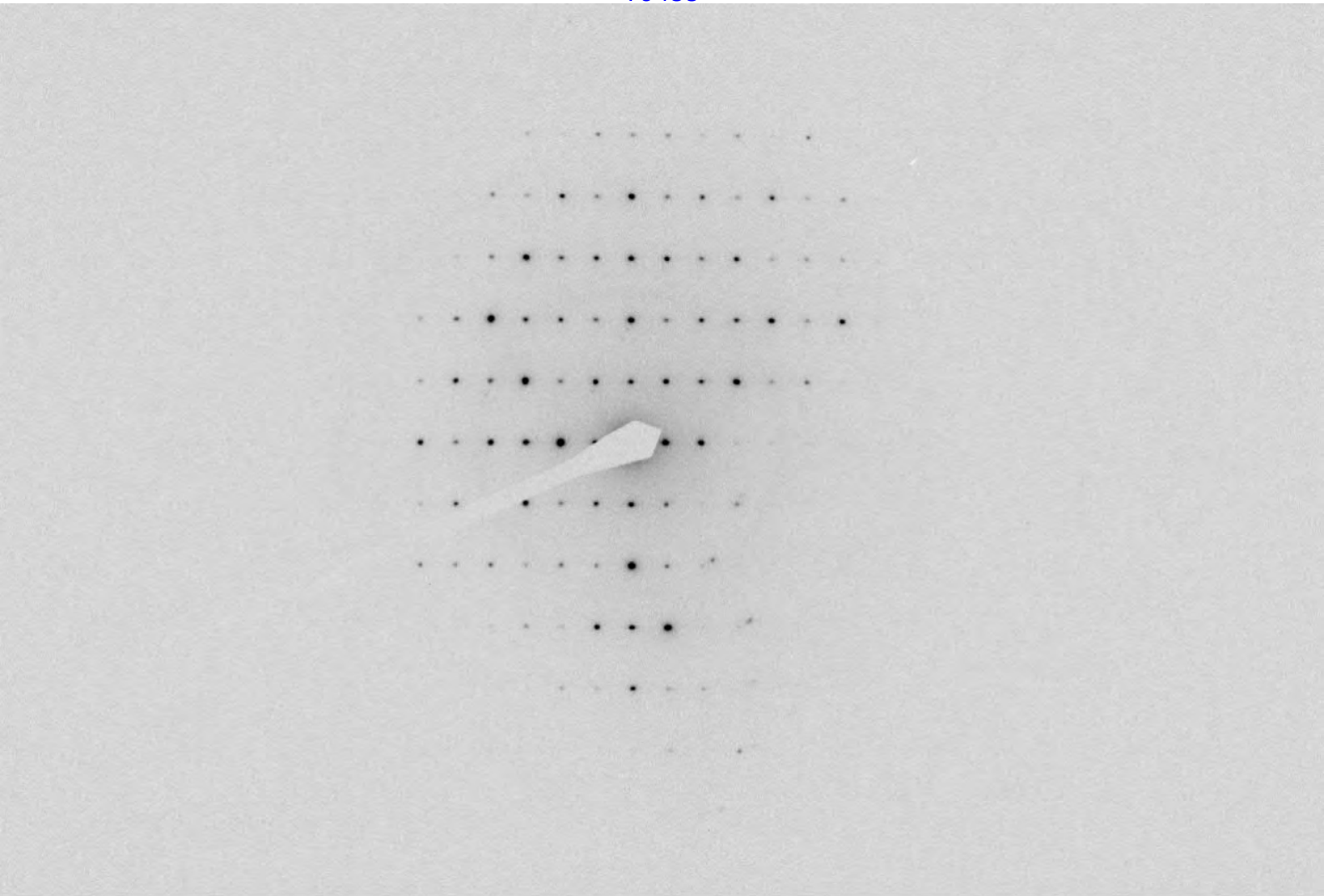


2 4730

M68503-026-014 Tremolite (3.4  $\mu\text{m}$  x 0.6  $\mu\text{m}$ )

10/25/2018

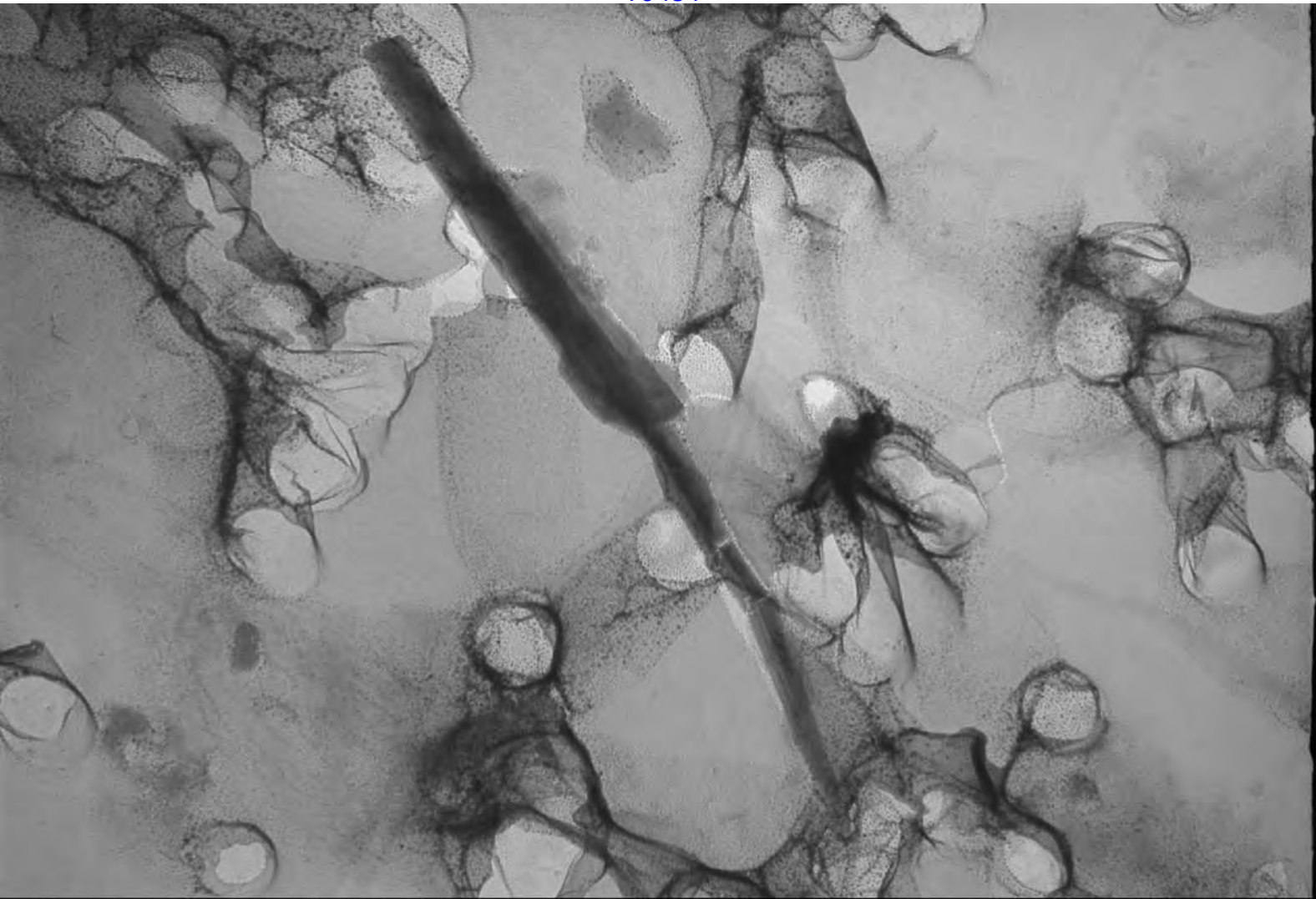




2 4731

M68503-026-015 Tremolite Diffraction @ 50cm

10/25/2018

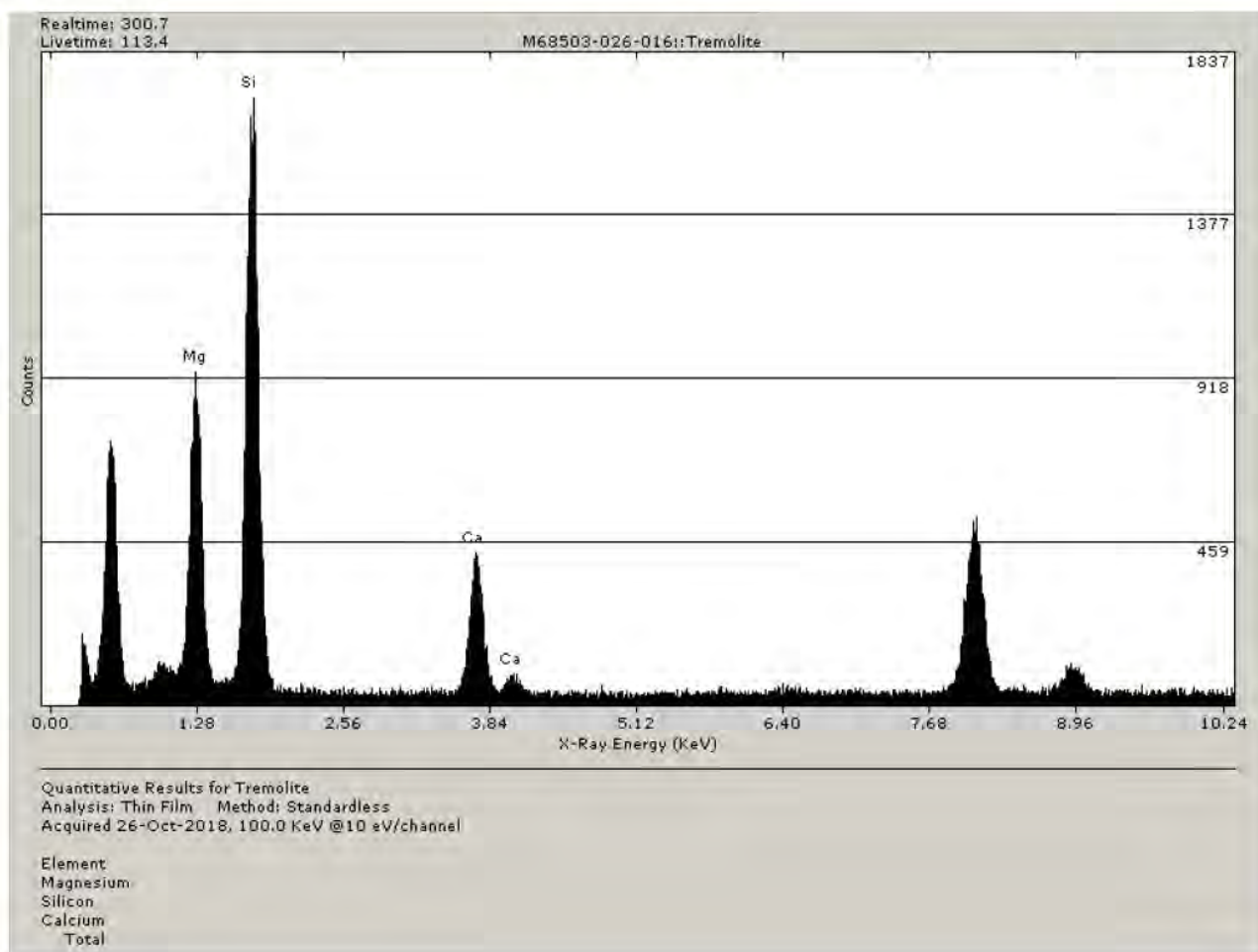


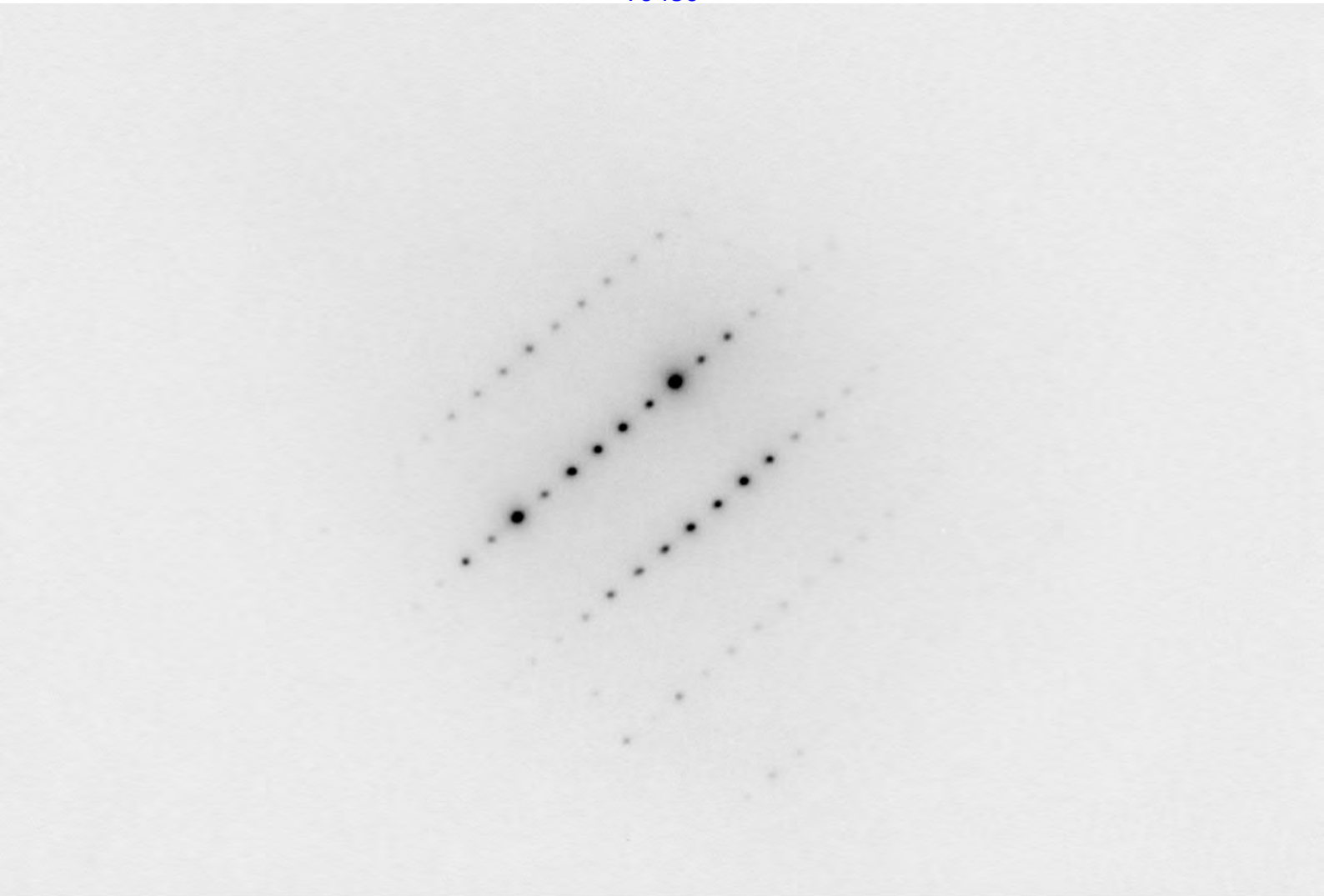
2 4733

M68503-026-015 Tremolite ( 3.2 um x 0.23 um)

10/25/2018



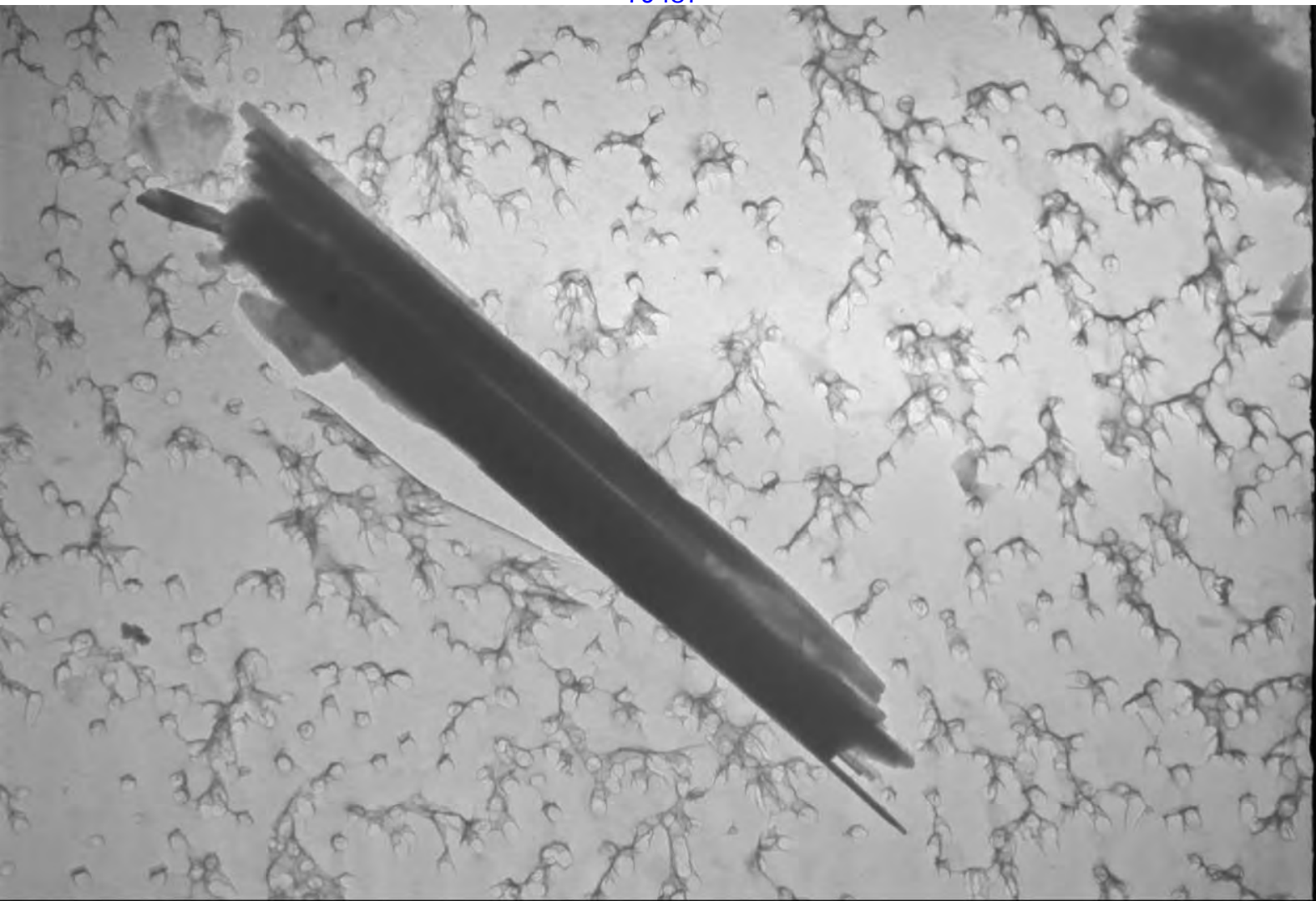




2 4734

M68503-026-016 Tremolite Diffraction @ 50cm

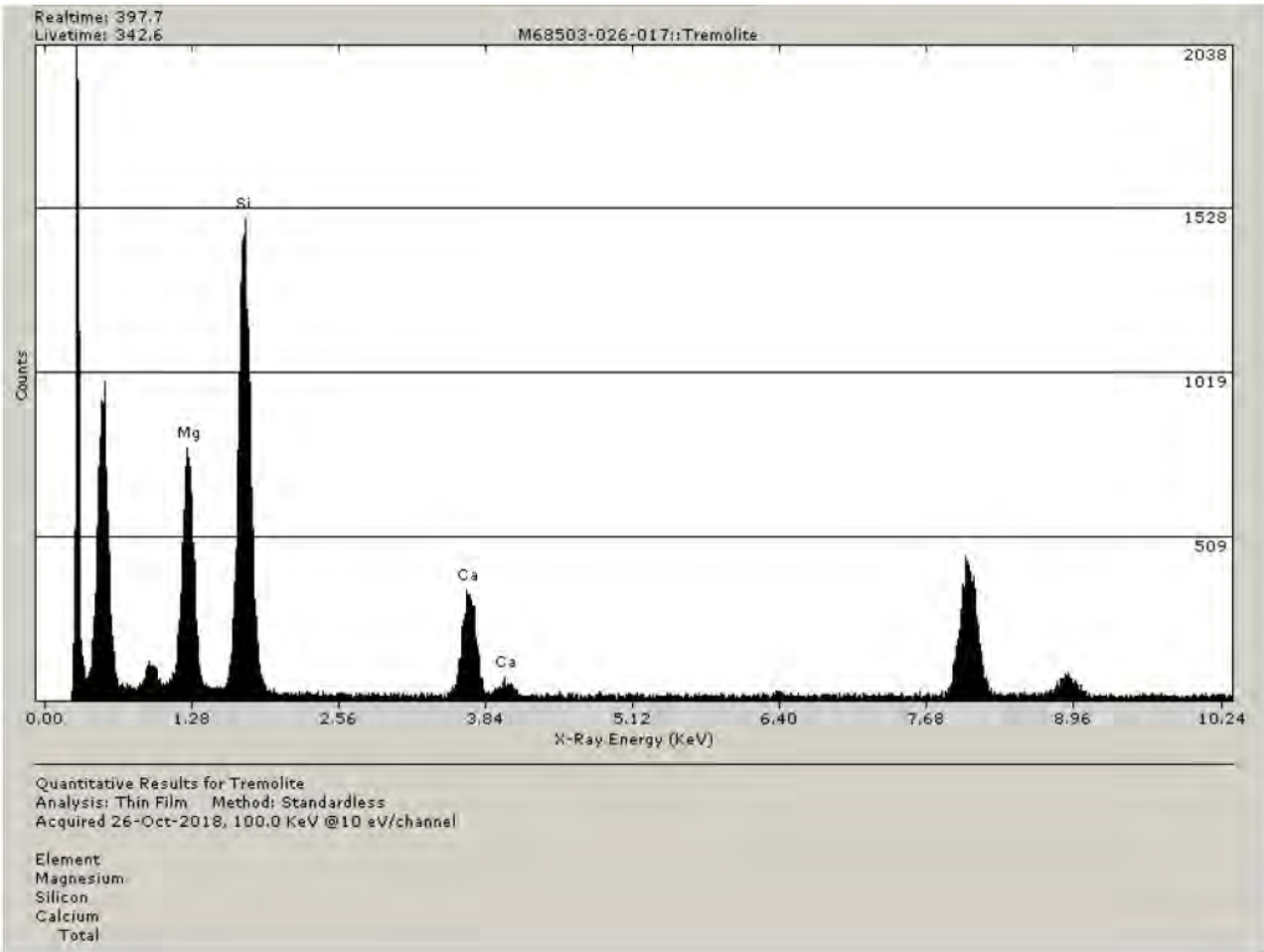
10/26/2018

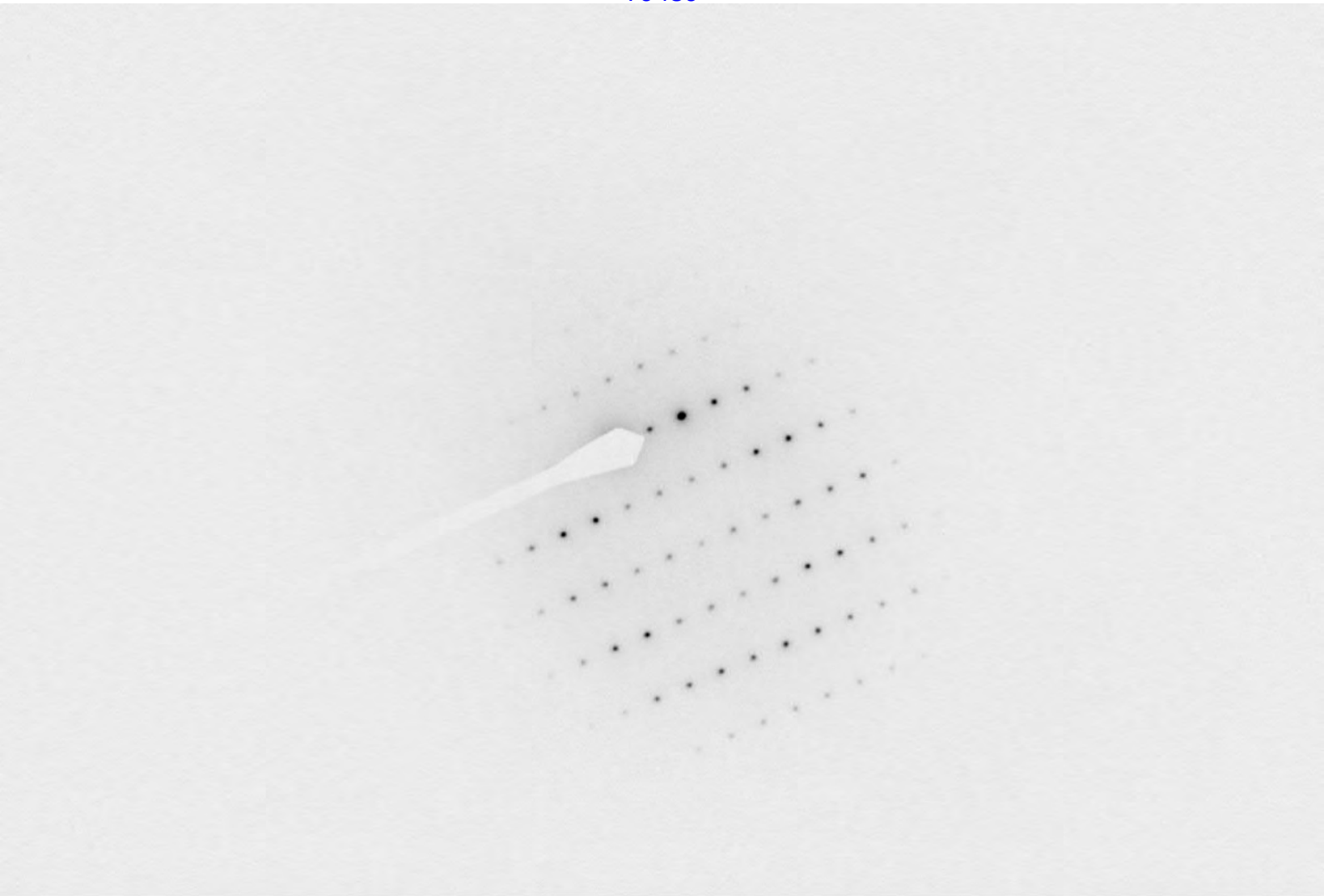


2 4736

M68503-026-016 Tremolite ( 30.8 um x 4.0 um)

10/26/2018



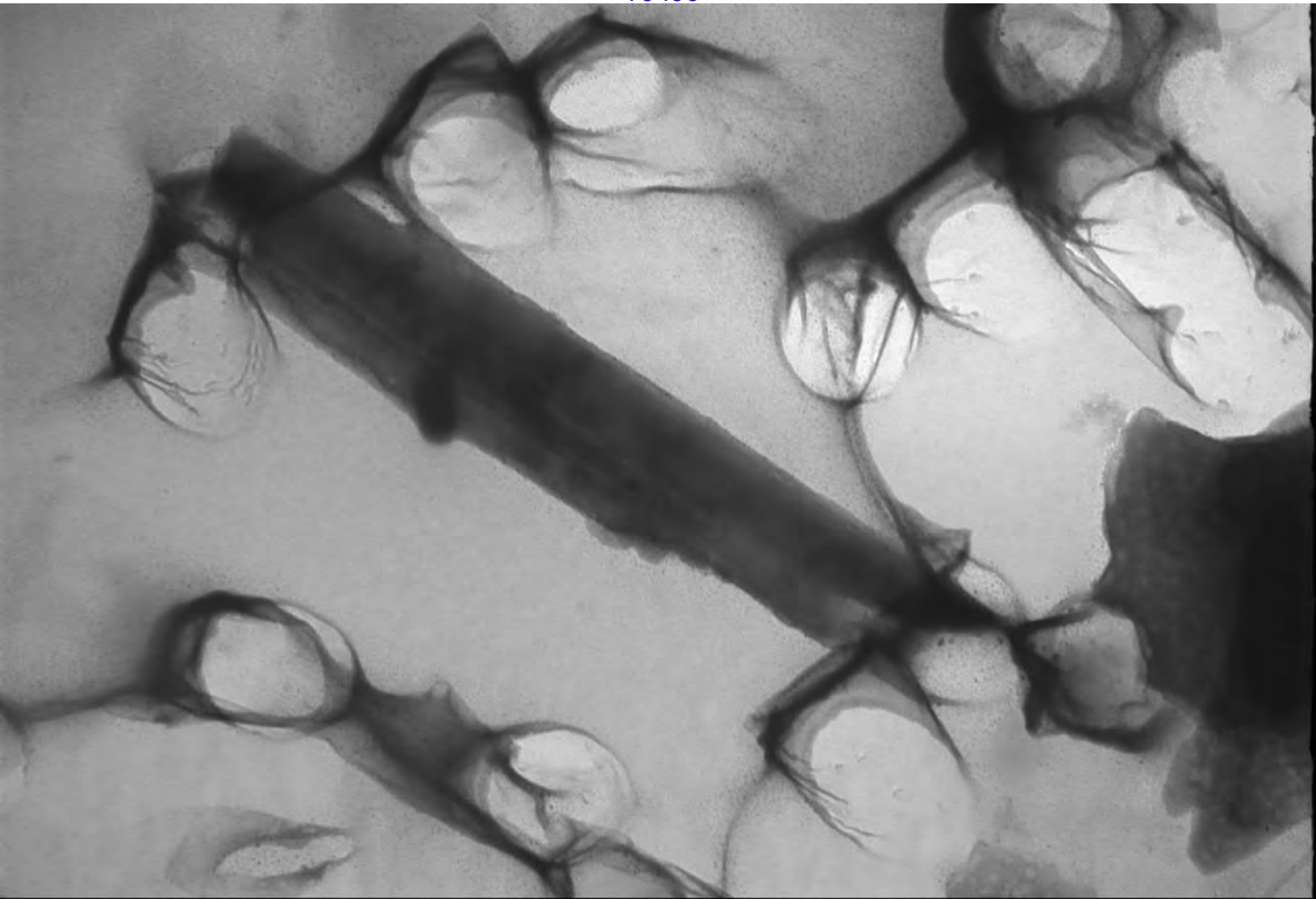


2 4740

M68503-026-017 Tremolite Diffraction @ 50cm

10/26/2018

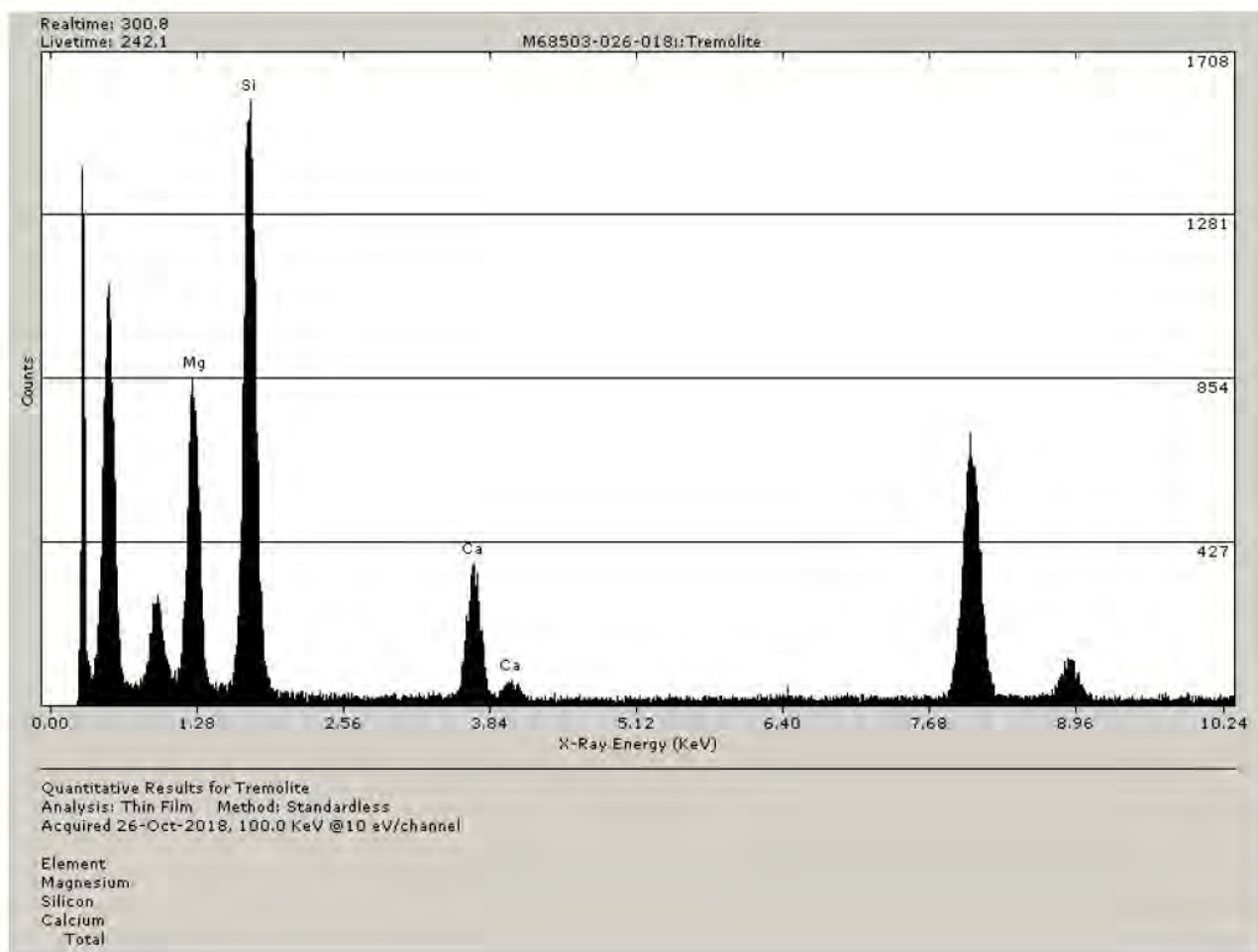


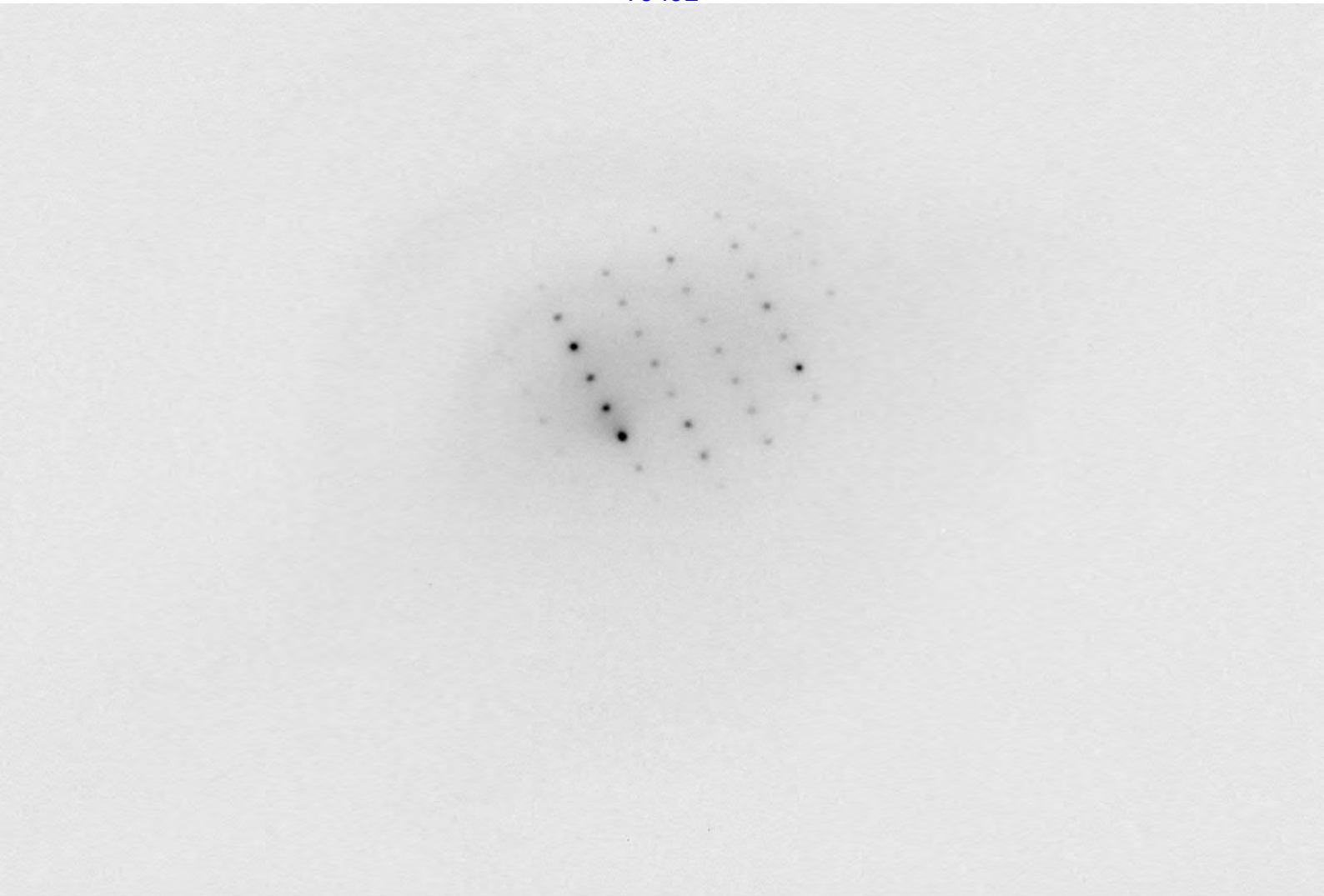


2 4742

M68503-026-017 Tremolite ( 2.8 um x 0.5 um)

10/26/2018





2 4744

M68503-026-018 Tremolite Diffraction @ 50cm

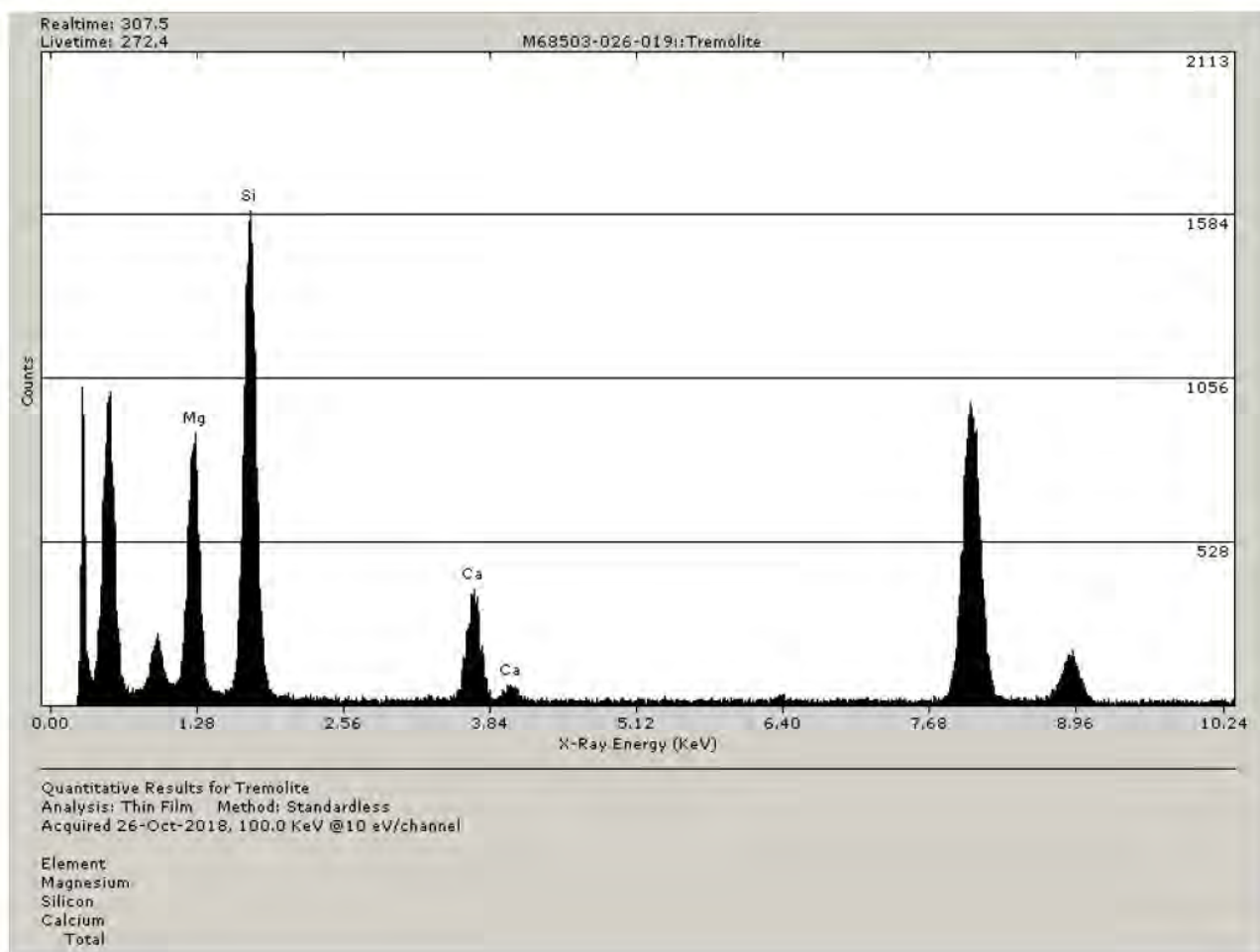
10/26/2018



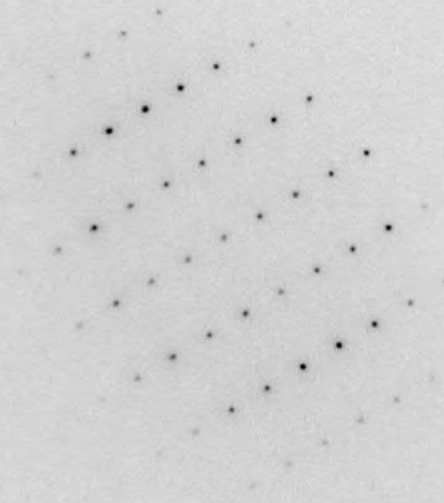
2 4745

M68503-026-018 Tremolite ( 7.9 um x 0.92 um)

10/26/2018



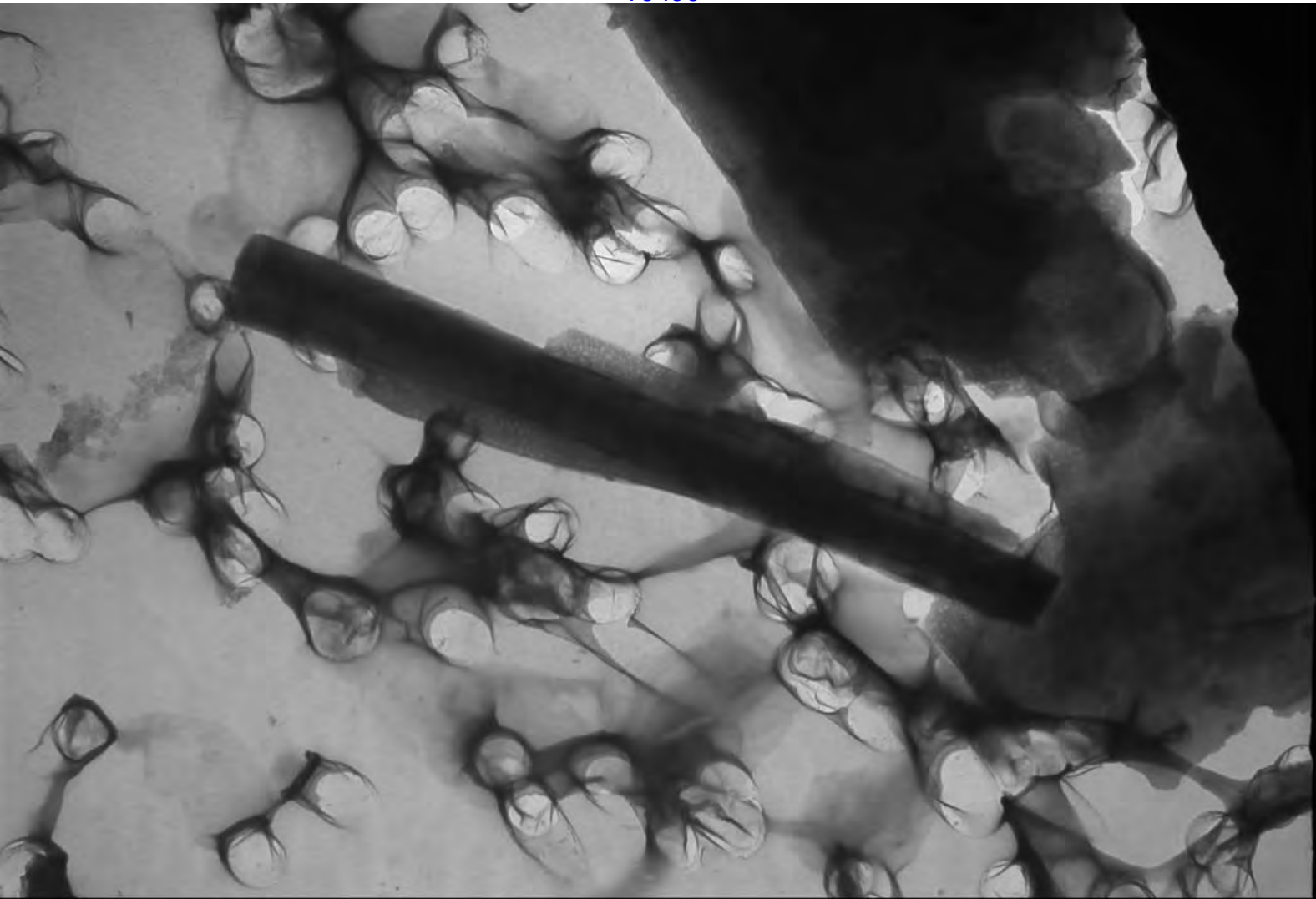




2 4752

M68503-026-019 Tremolite Diffraction @ 50cm

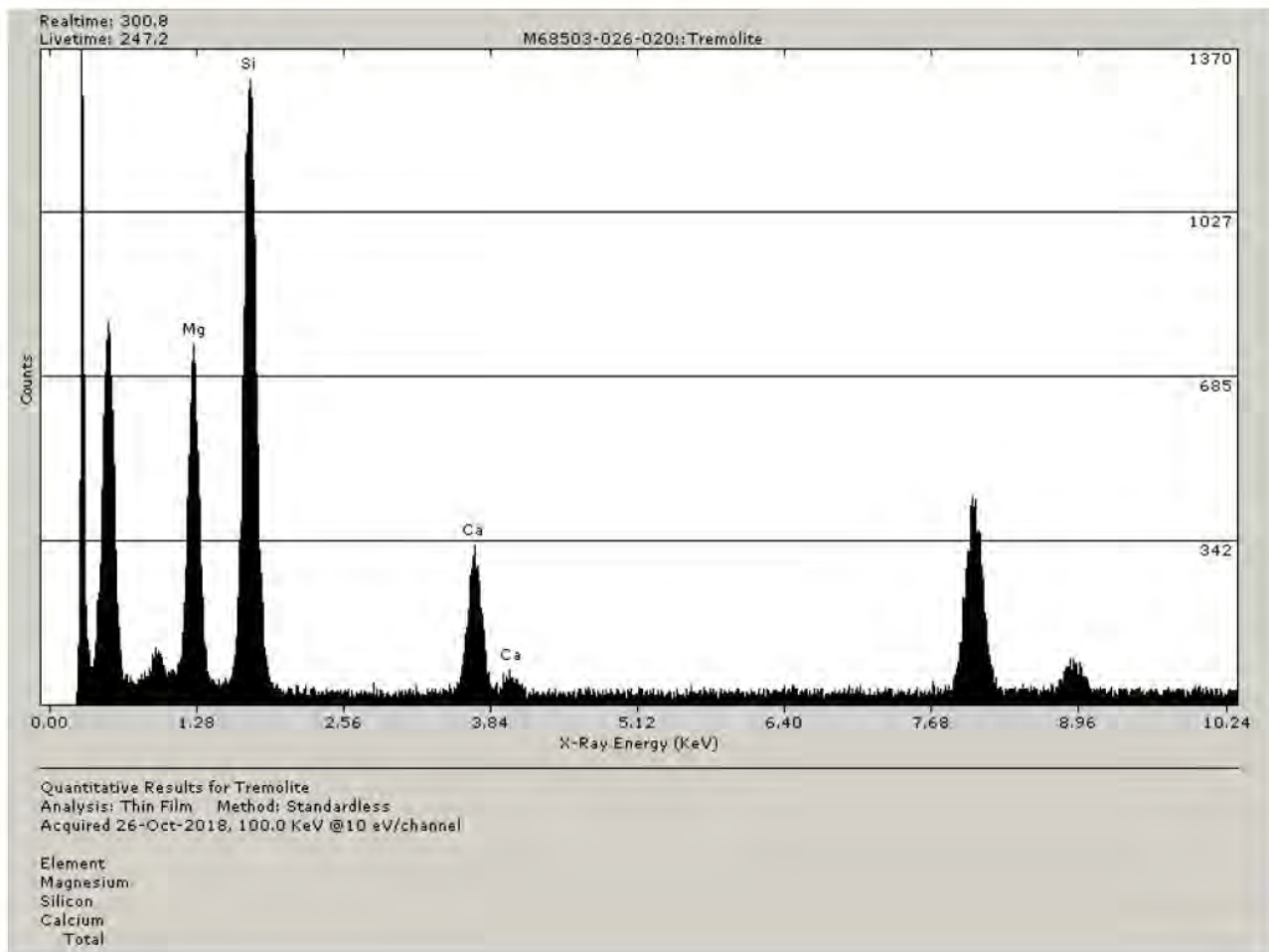
10/26/2018

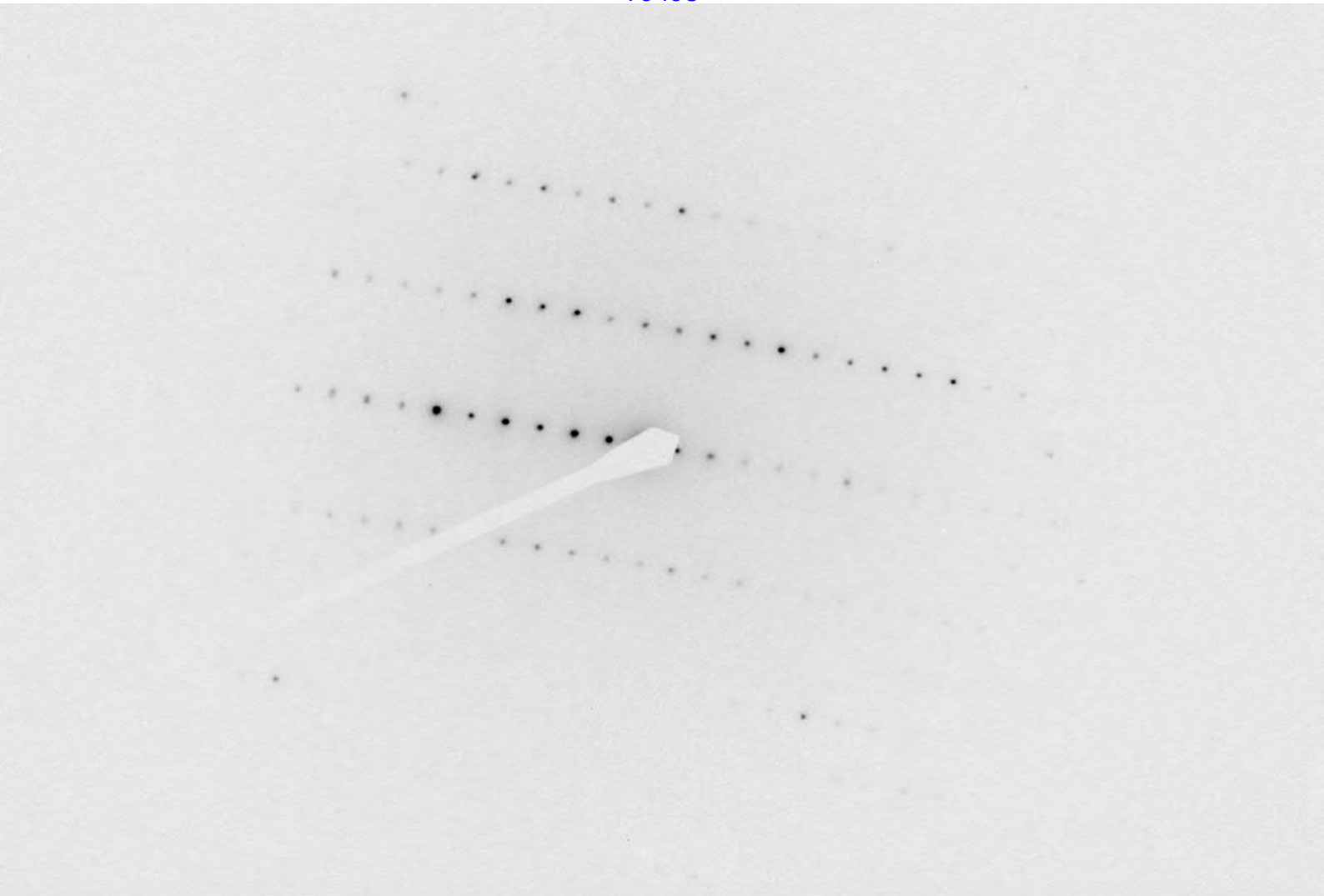


2 4746

M68503-026-019 Tremolite ( 7.5 um x 0.8 um)

10/26/2018

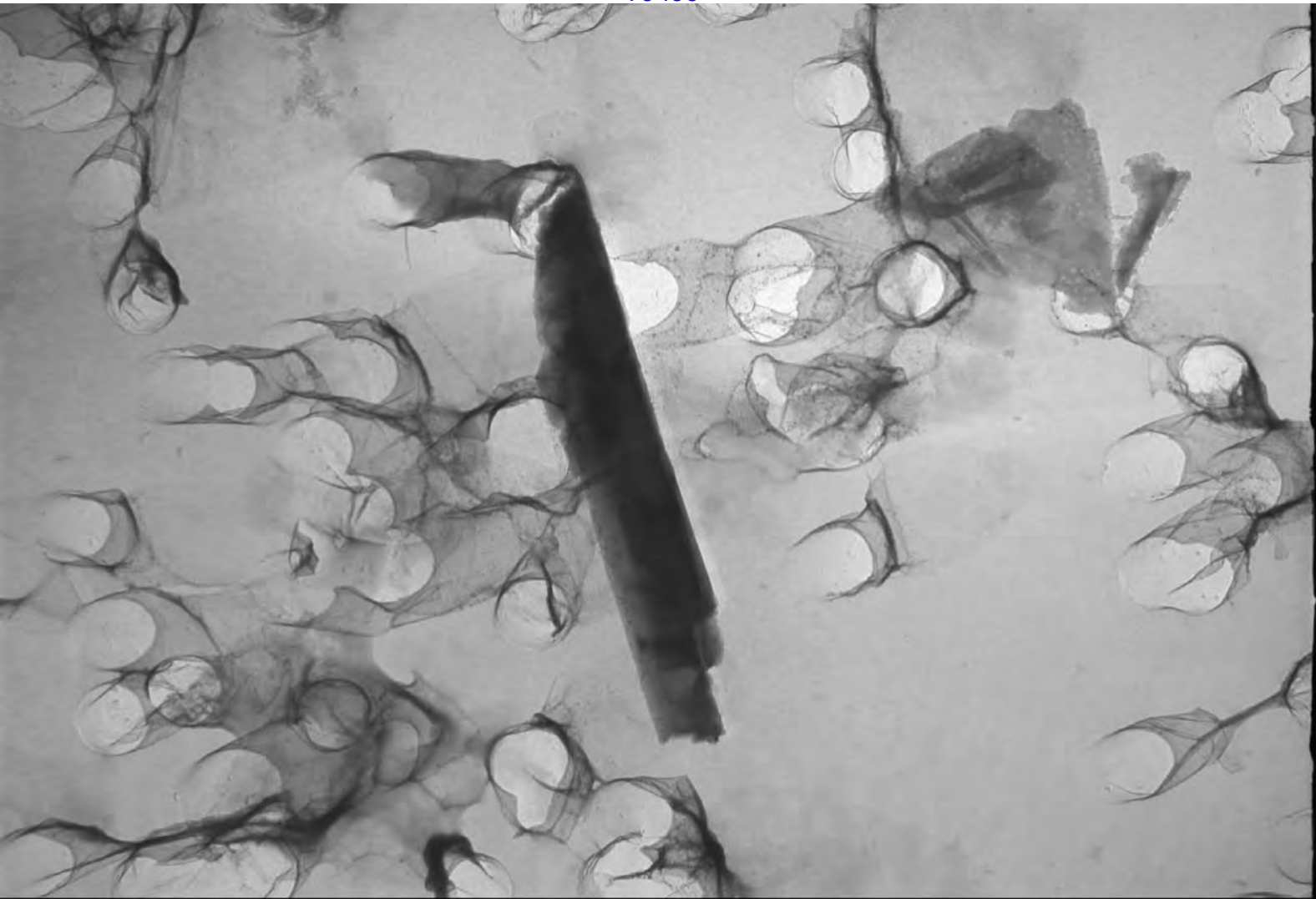




2 4759

M68503-026-020 Tremolite Diffraction @ 50cm

10/26/2018

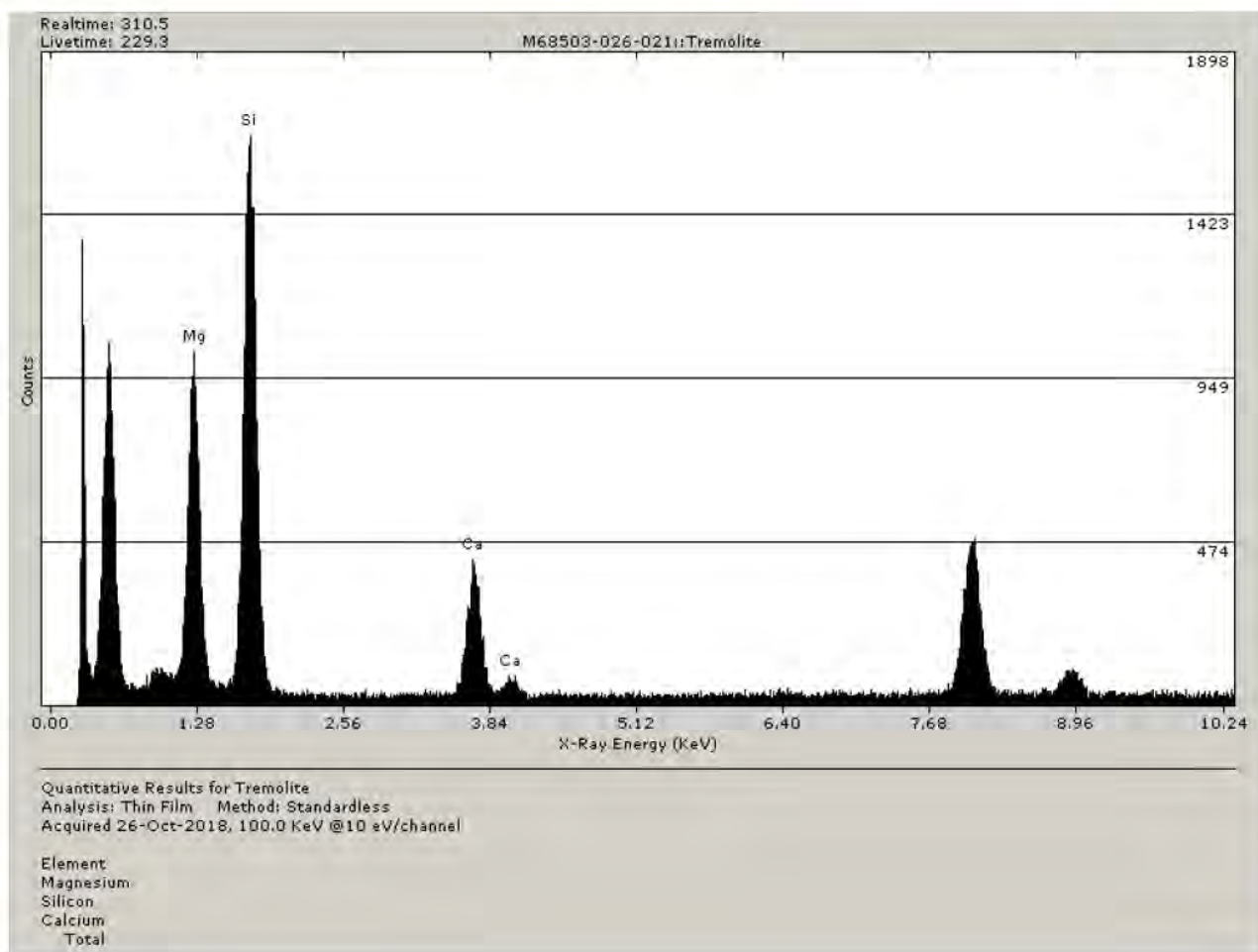


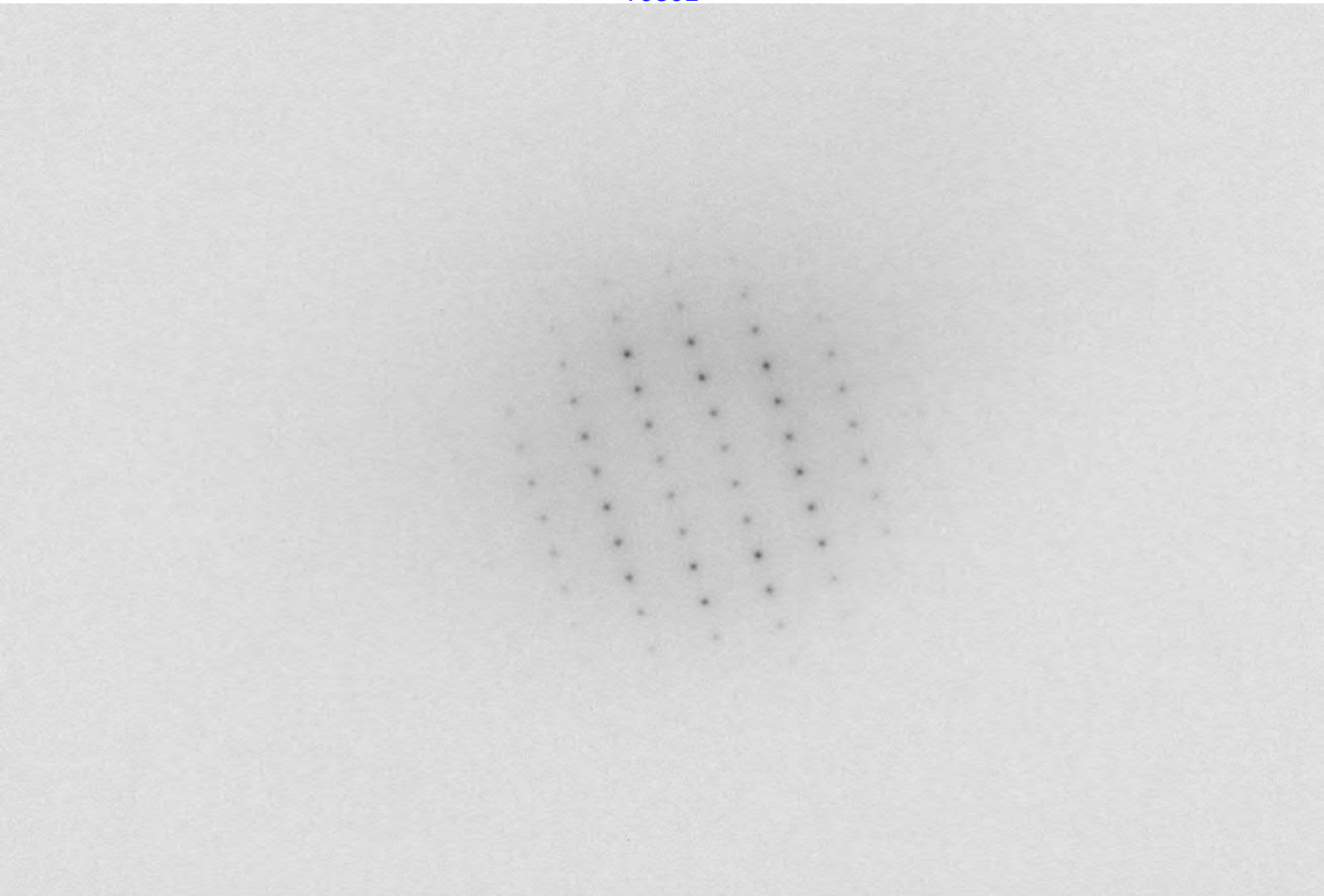
2 4760

M68503-026-020 Tremolite (3.9 um x 0.6 um)

10/26/2018



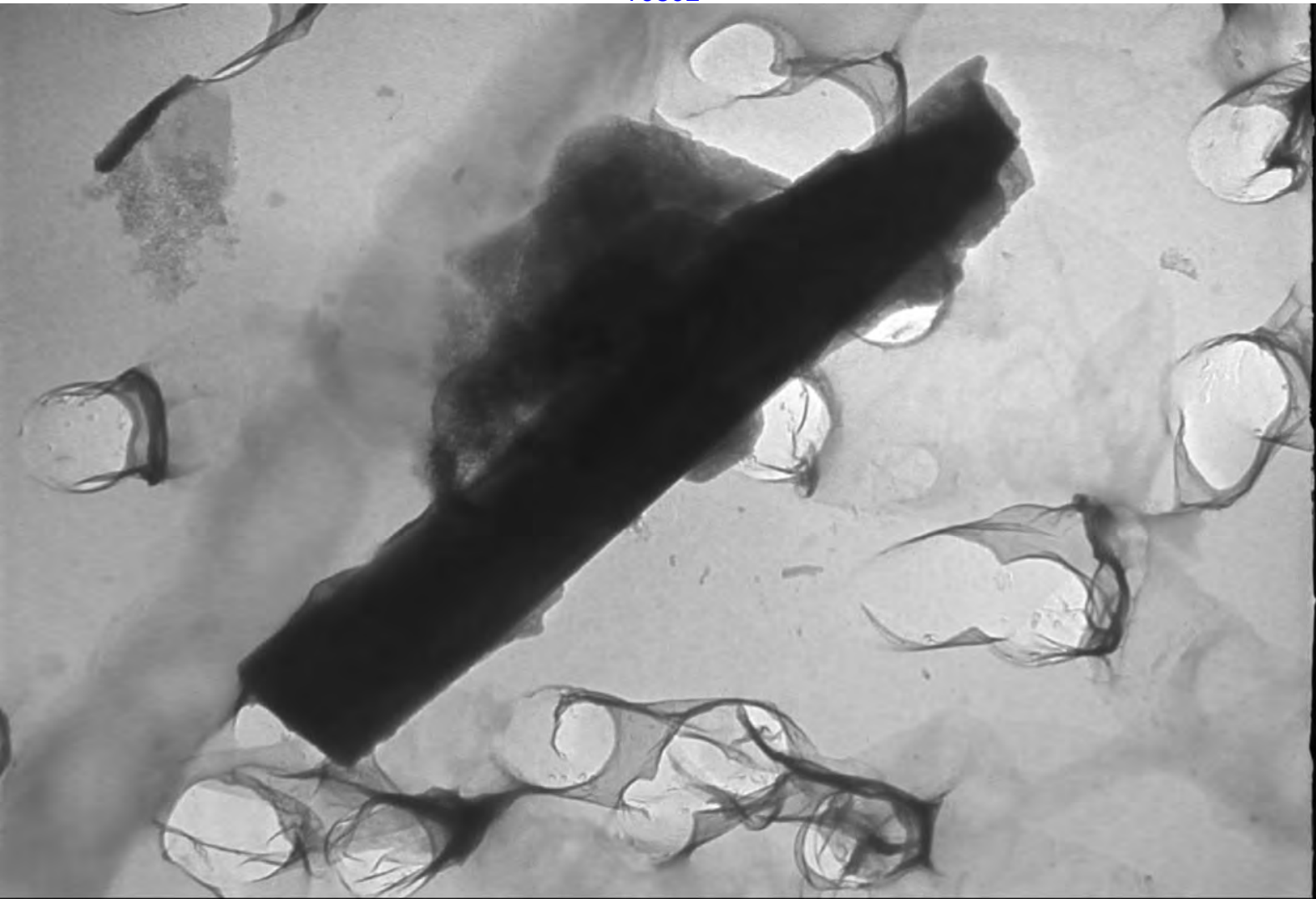




2 4764

M68503-026-021 Tremolite Diffraction @ 50cm

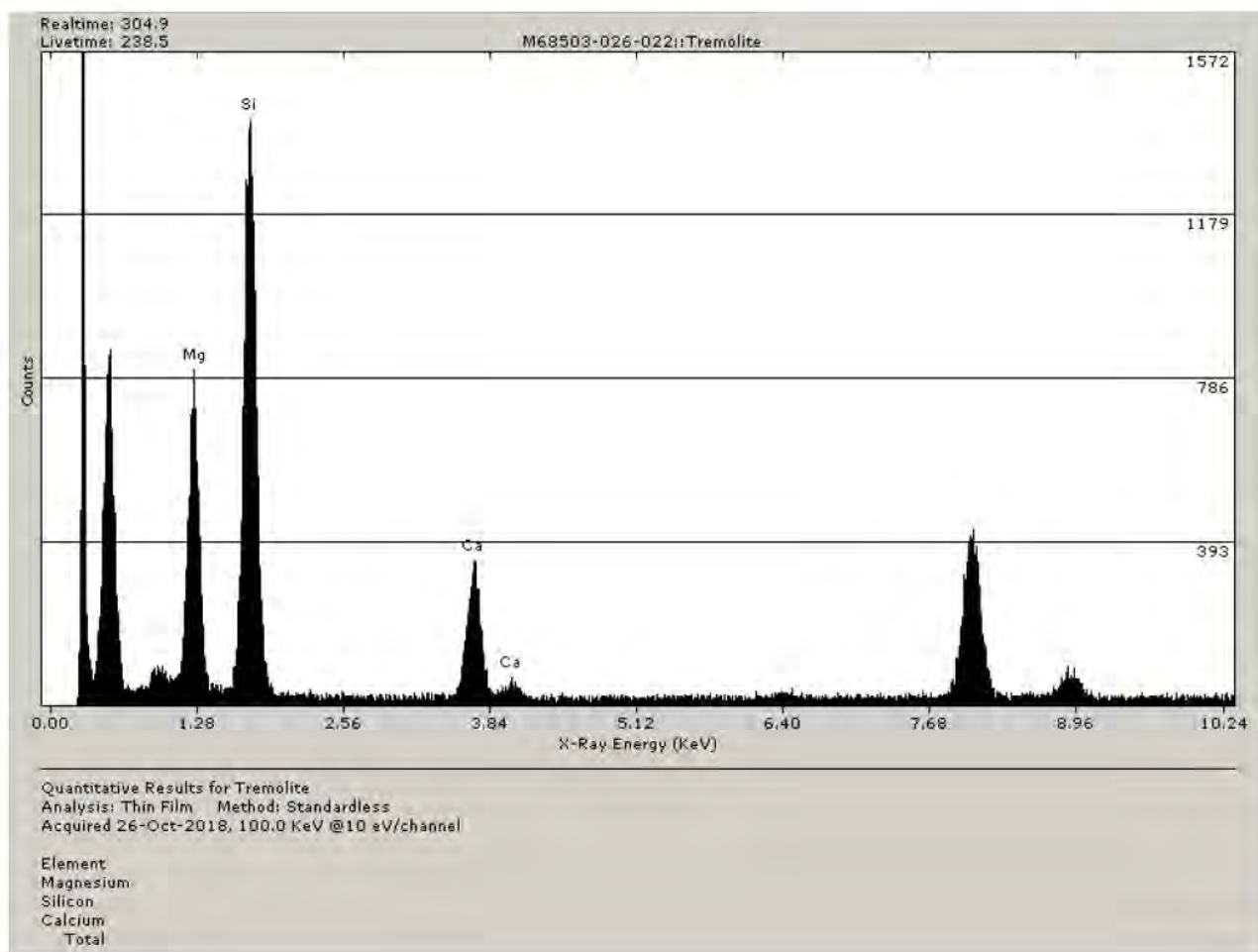
10/26/2018

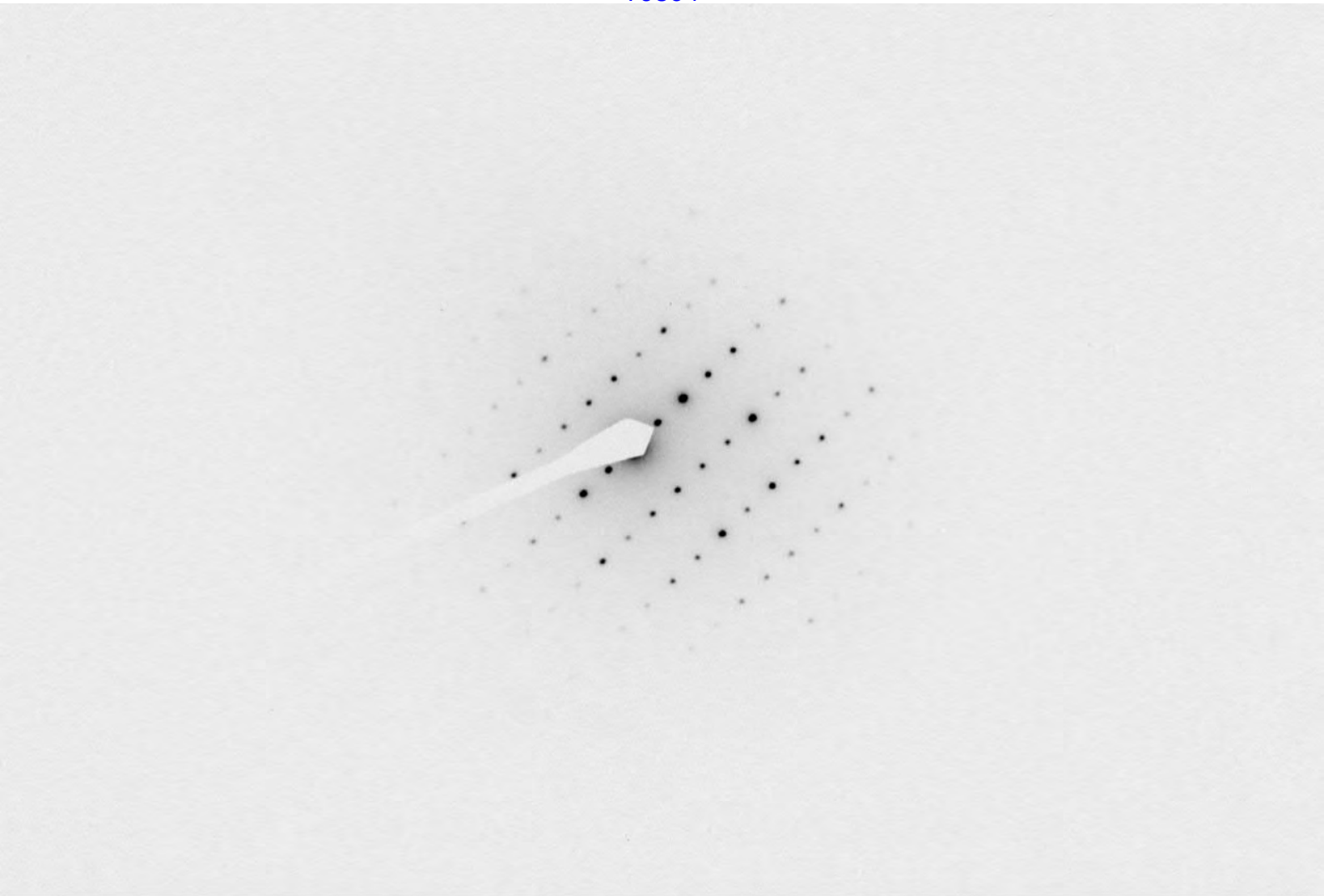


2 4761

M68503-026-021 Tremolite ( 4.1 um x 0.6 um)

10/26/2018



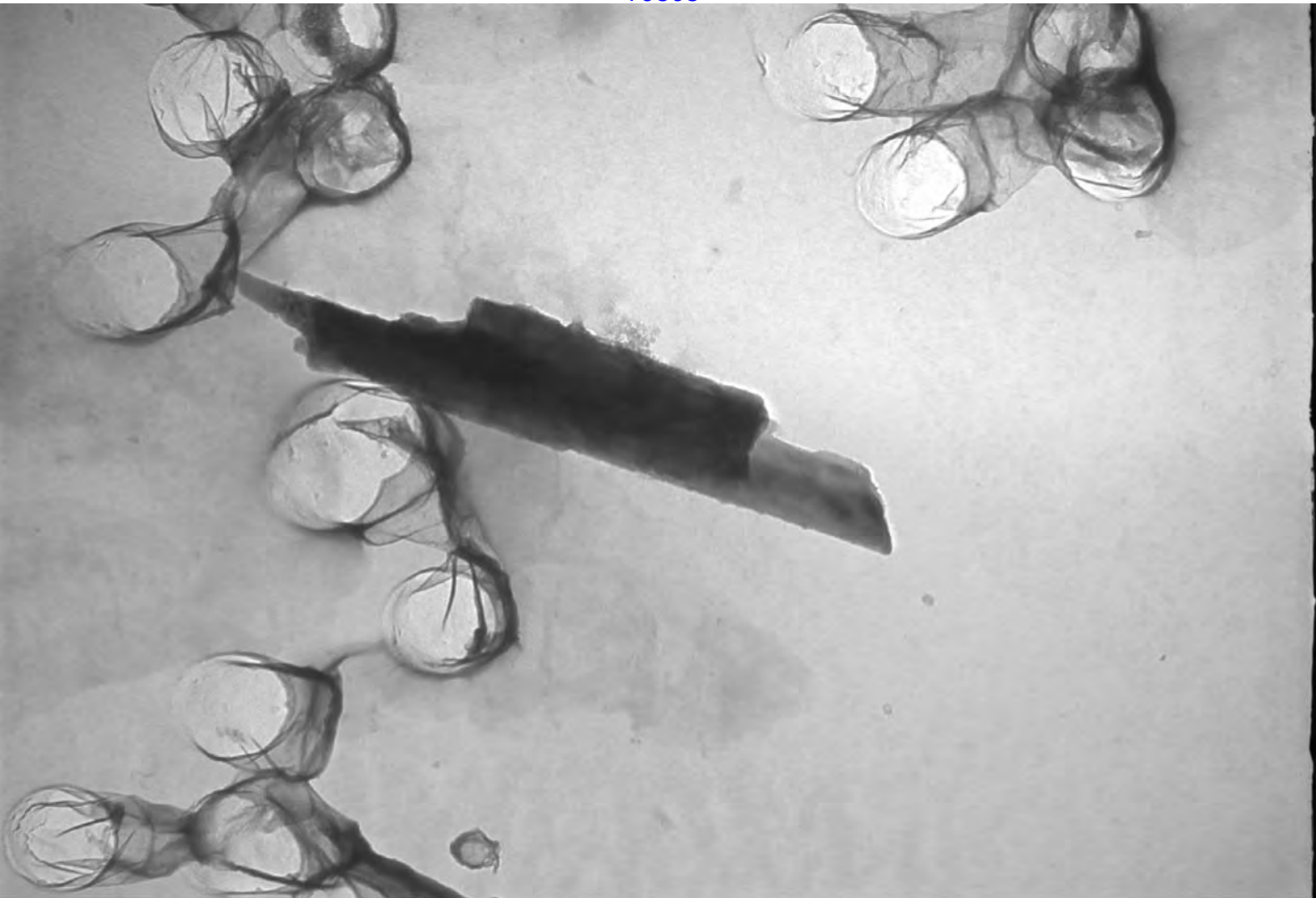


2 4767

M68503-026-022 Tremolite Diffraction @ 50cm

10/26/2018

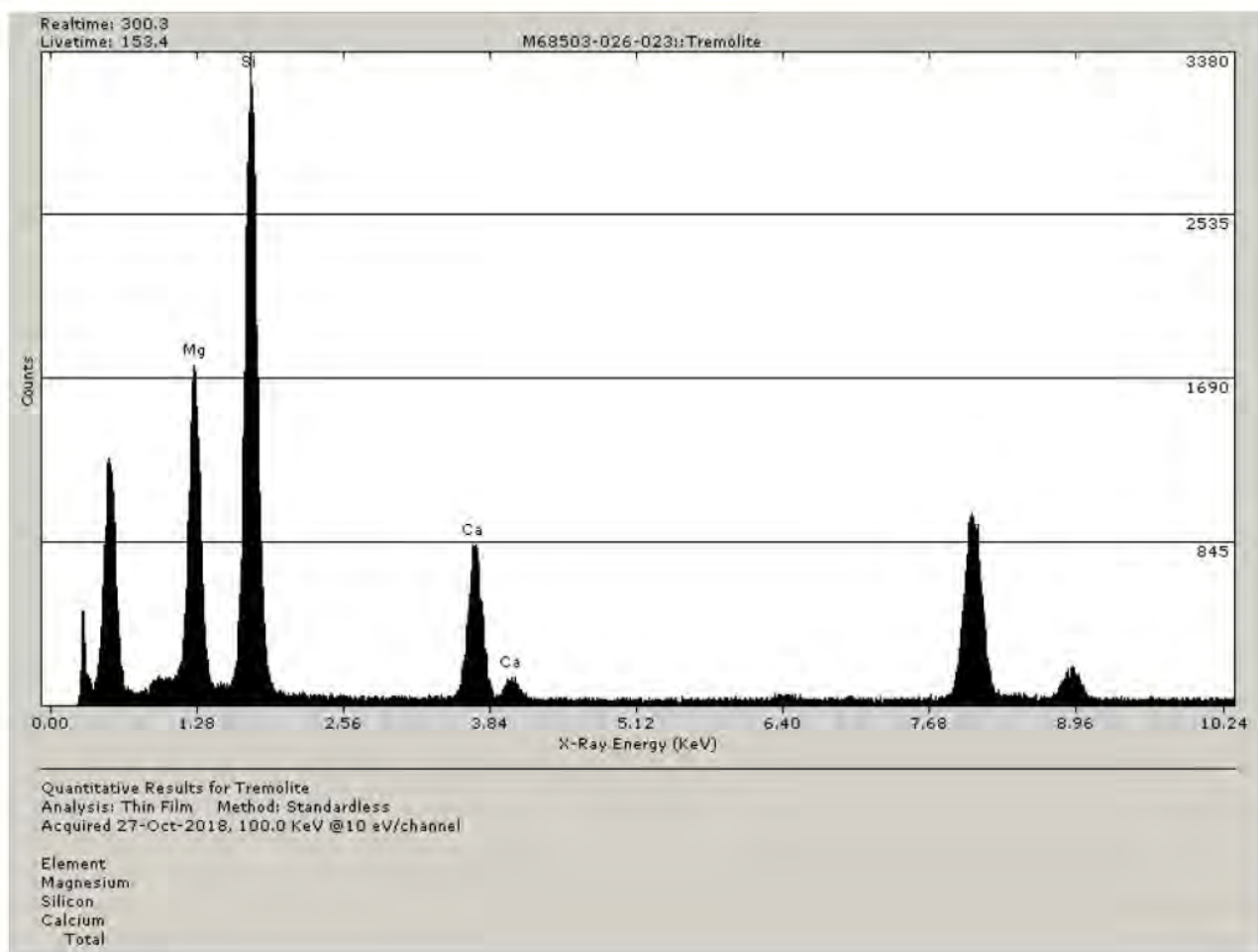




2 4769

M68503-026-022 Tremolite ( 3.0  $\mu\text{m}$  x 0.46  $\mu\text{m}$ )

10/26/2018



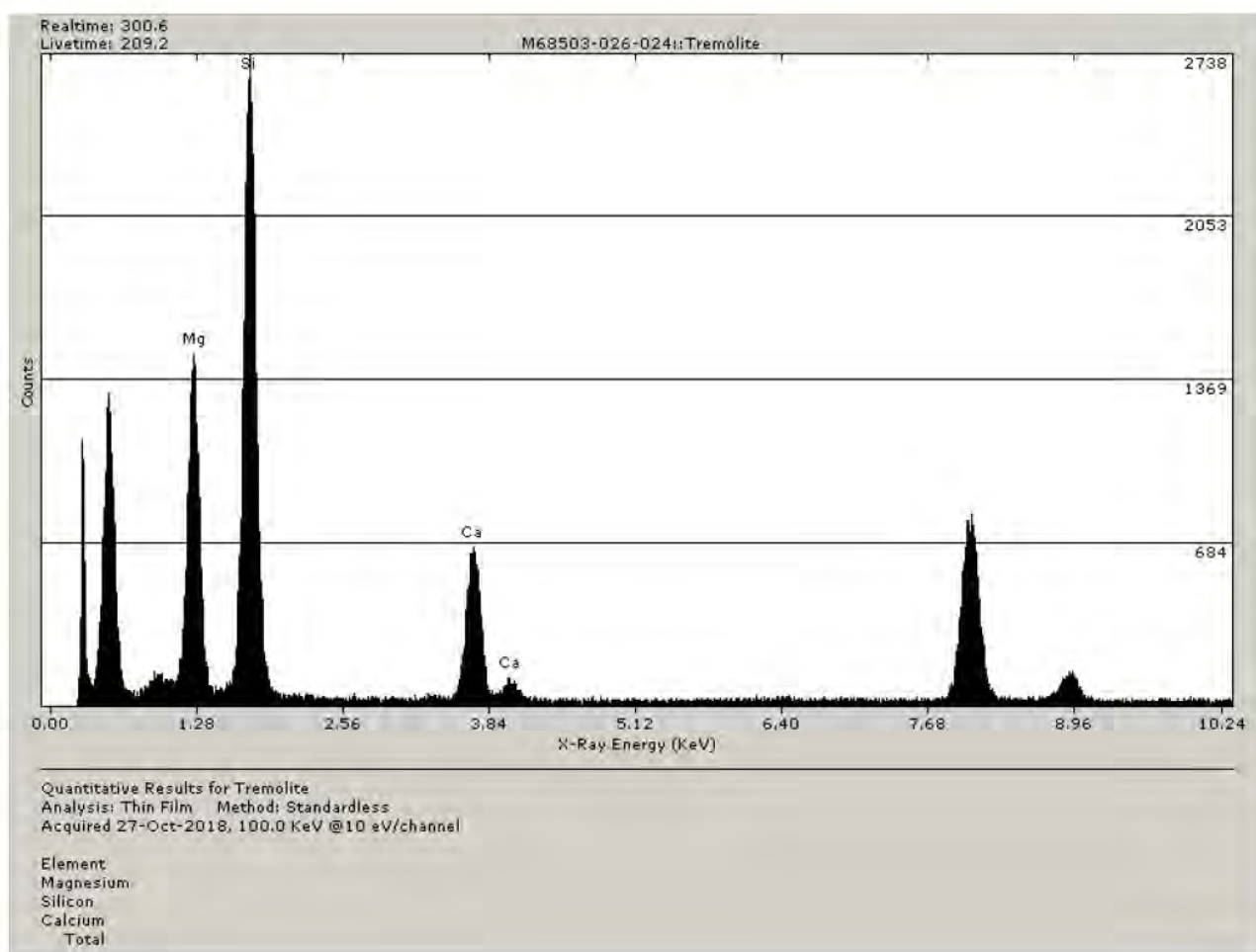




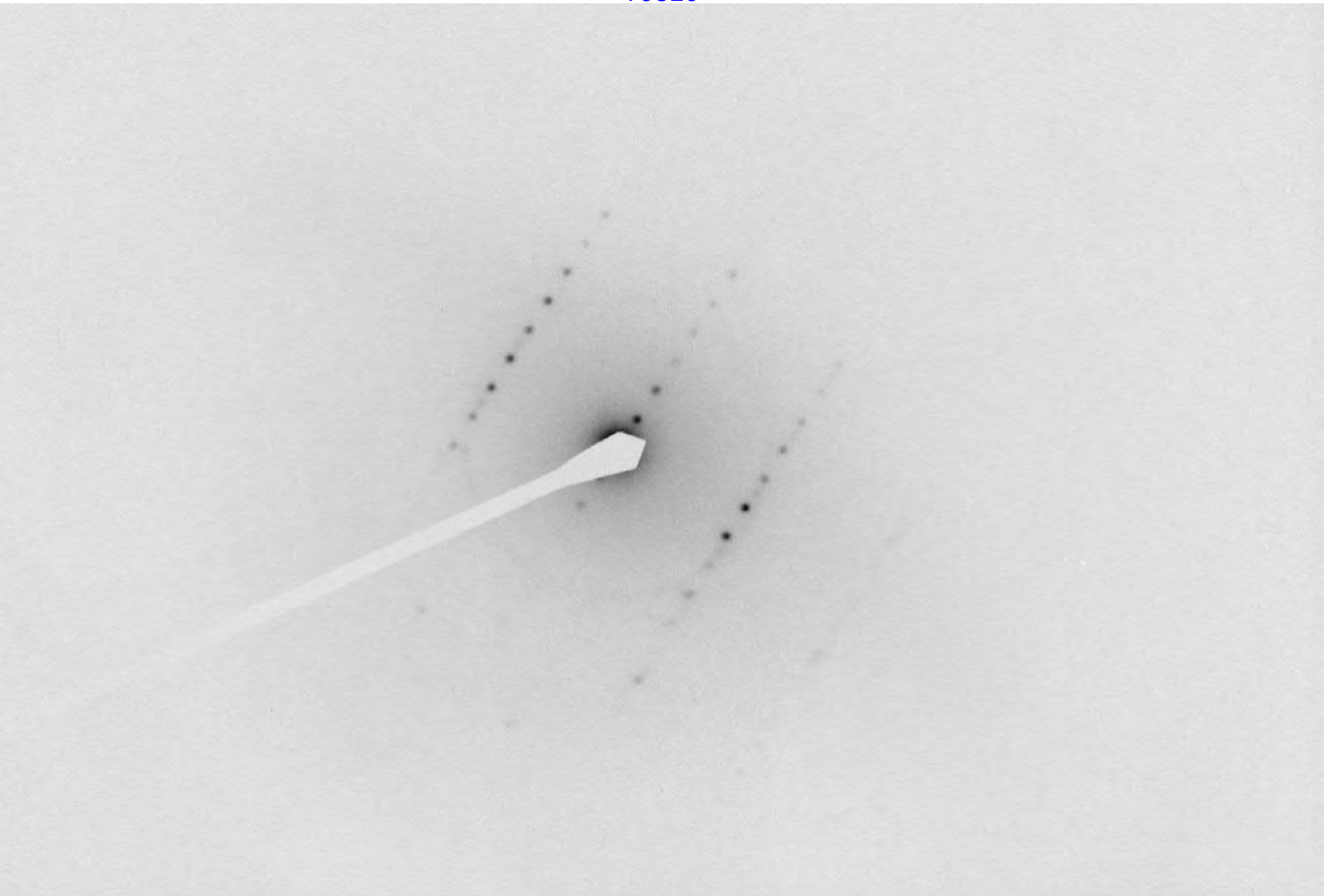
2 4770

M68503-026-023 Tremolite ( 24.4 um x 3.0 um)

10/27/2018



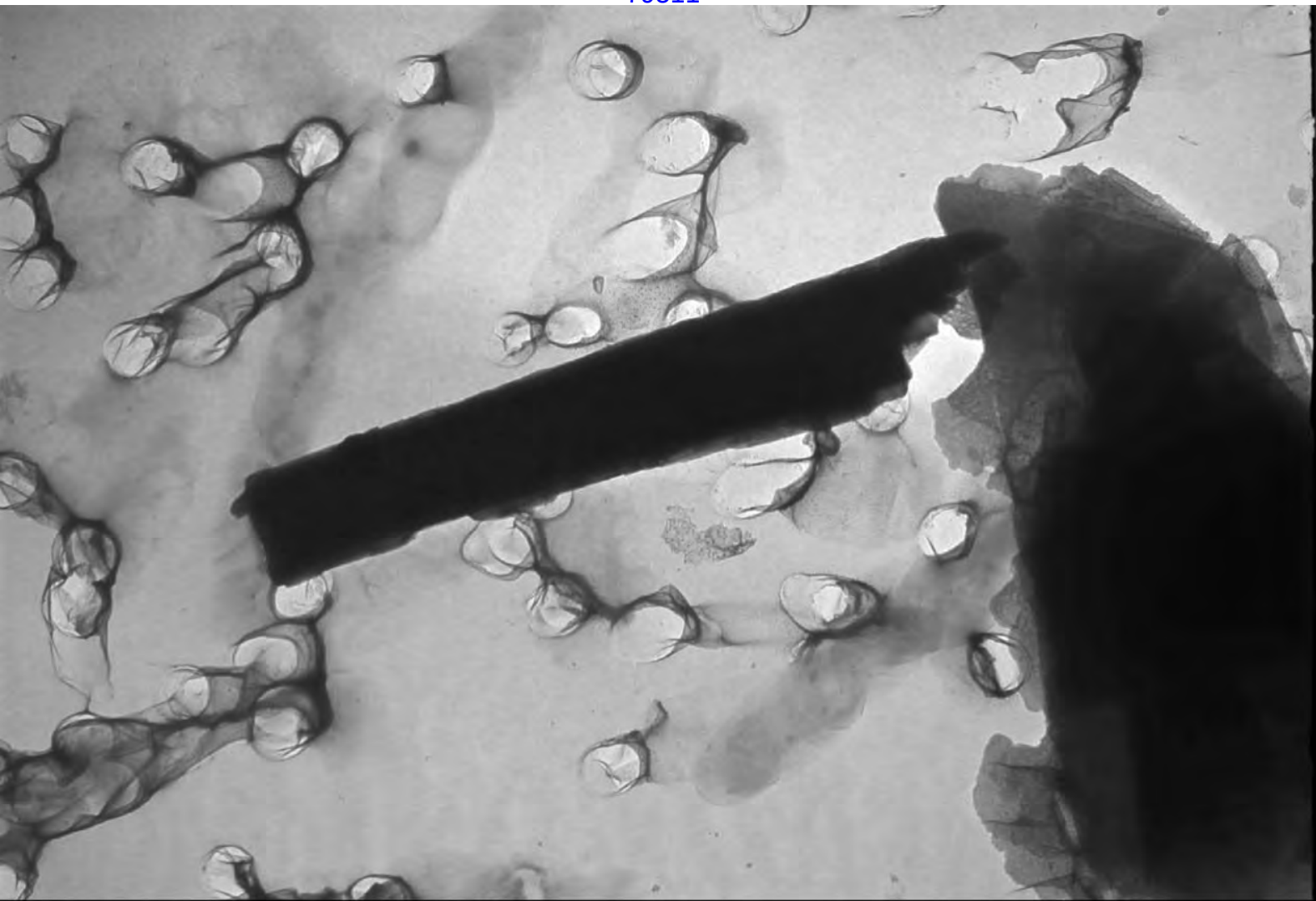




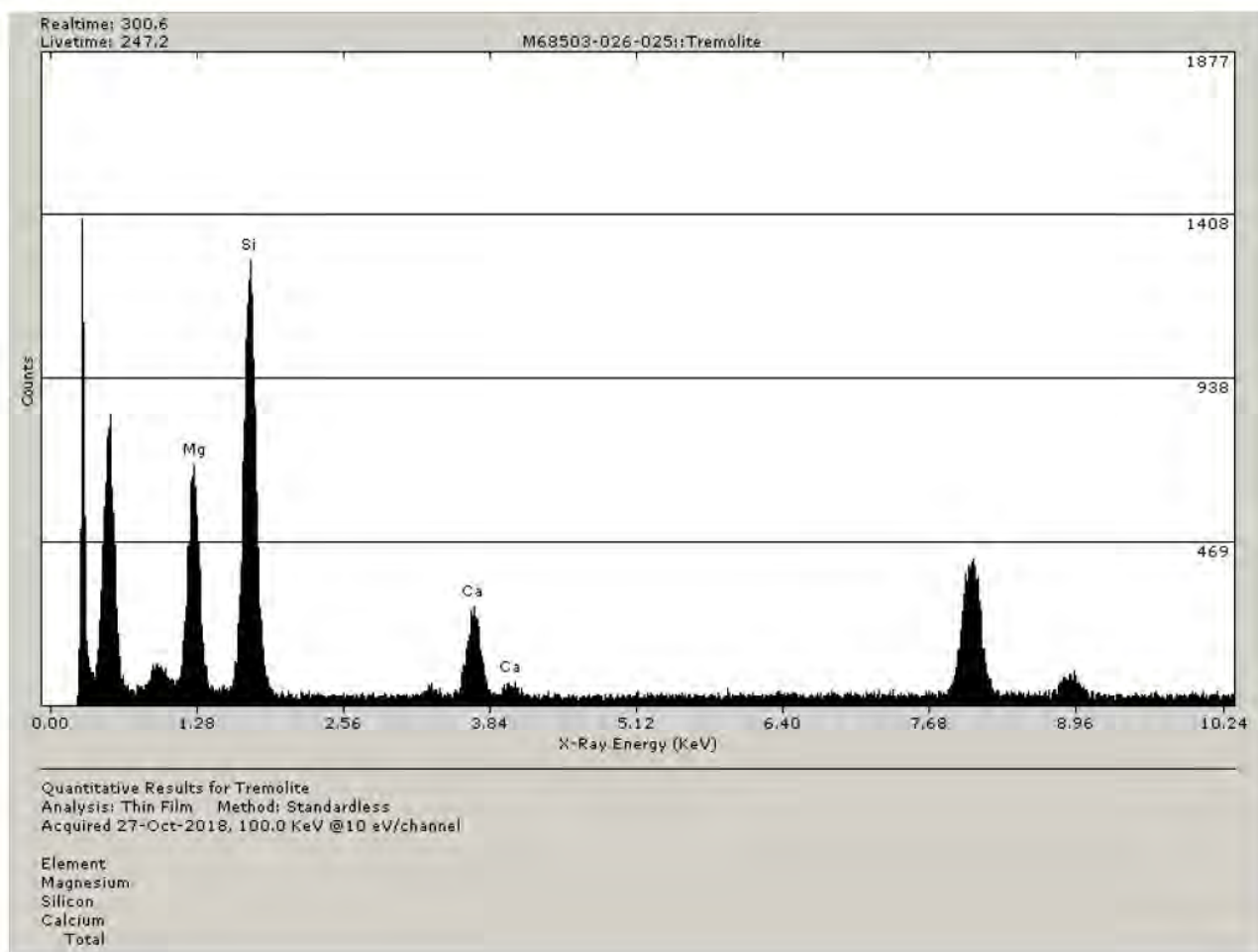
2 4848

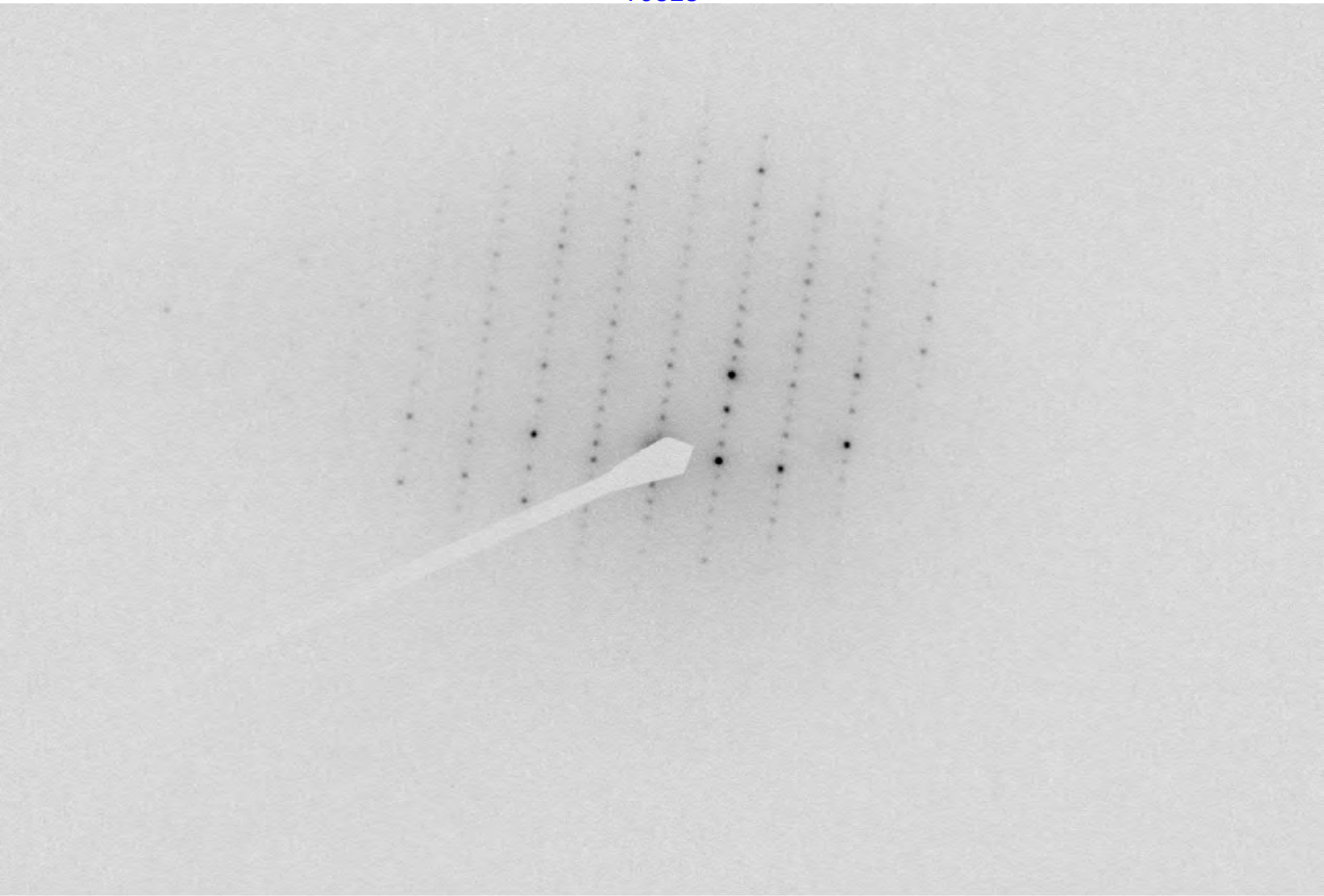
M68503-026-024 Tremolite Diffraction @ 50cm

10/30/2018



2 4773 M68503-026-024 Tremolite ( 6.5 um x 1.1 um) 10/27/2018

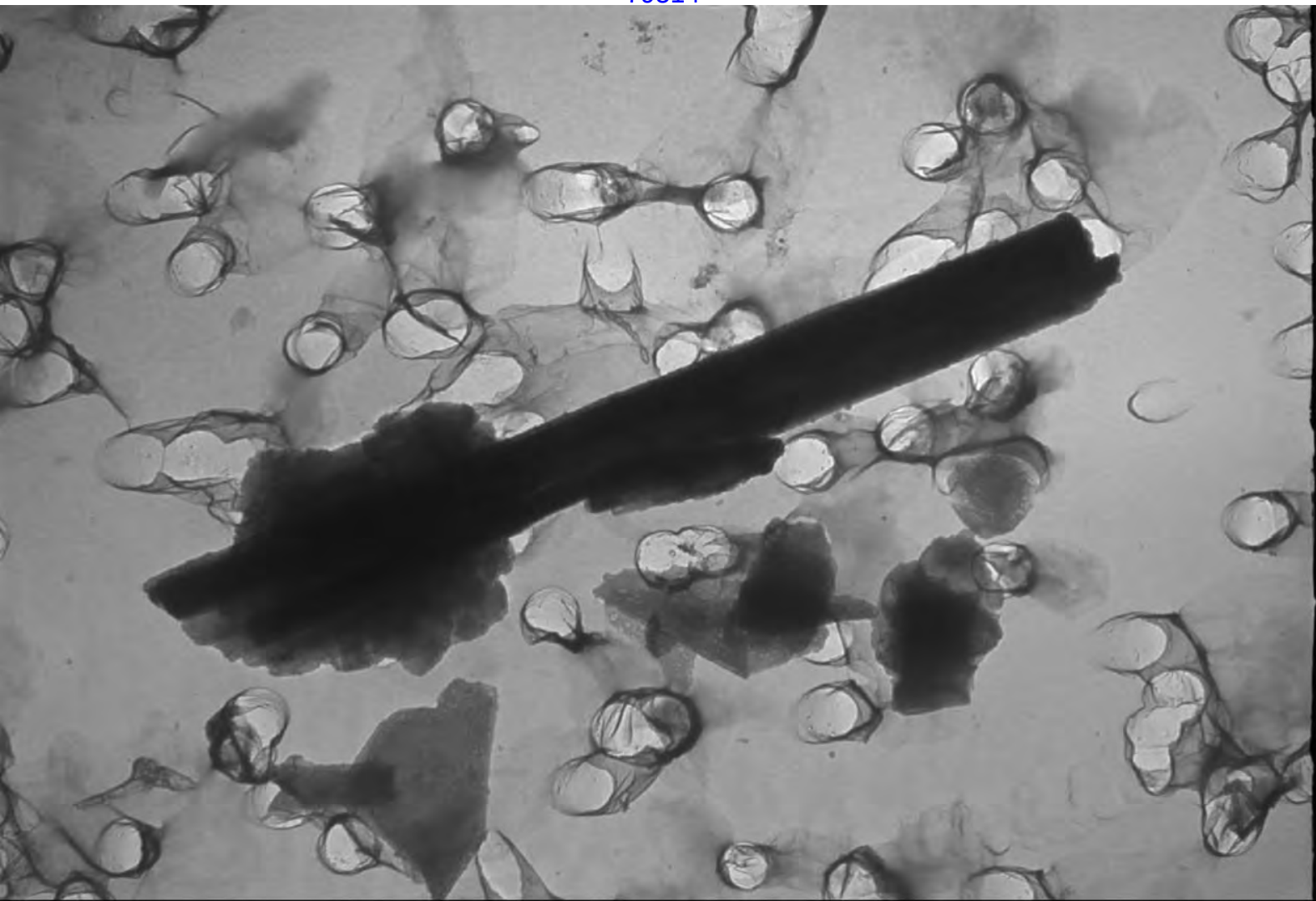




2 4783

M68503-026-025 Tremolite Diffraction @ 50cm

10/27/2018

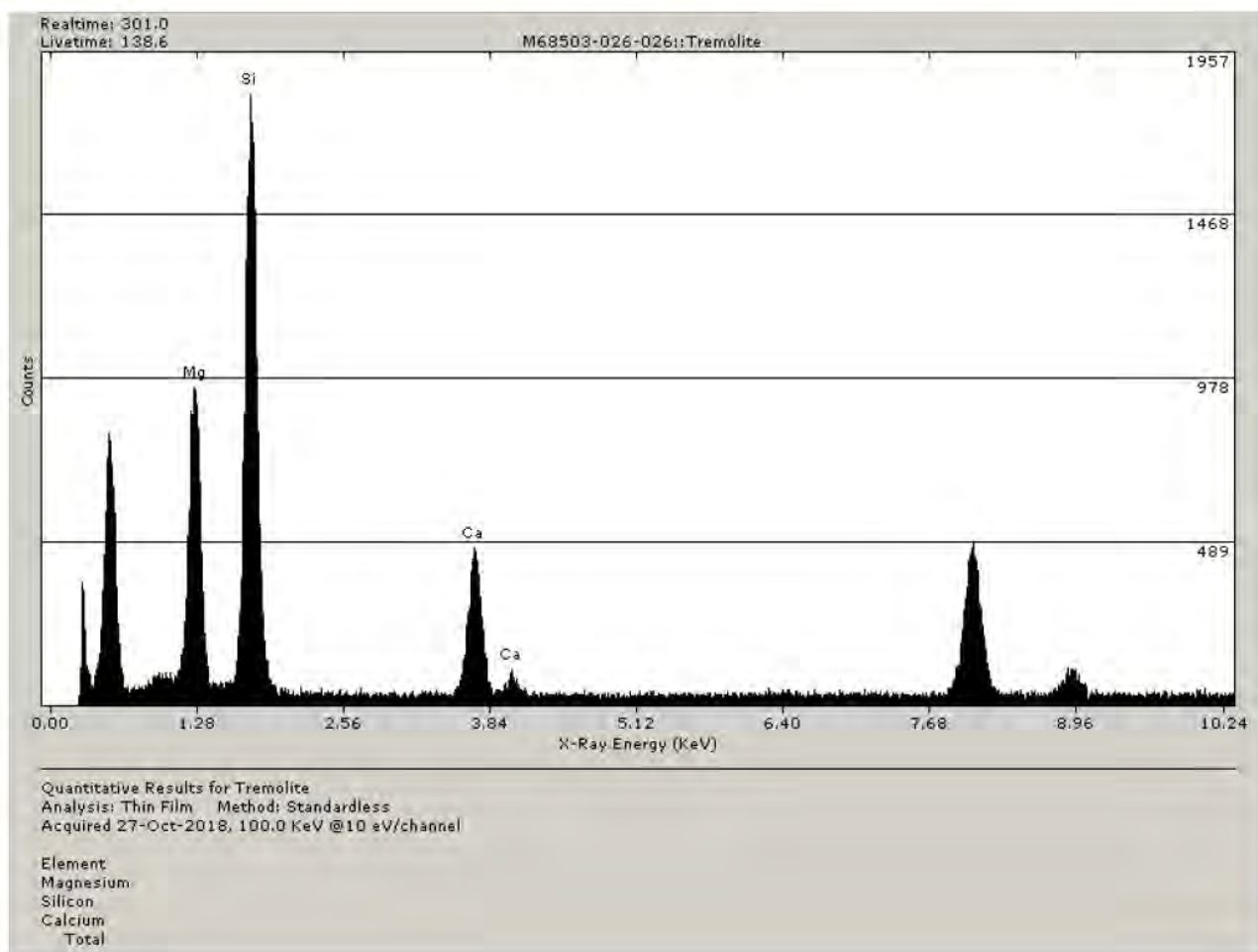


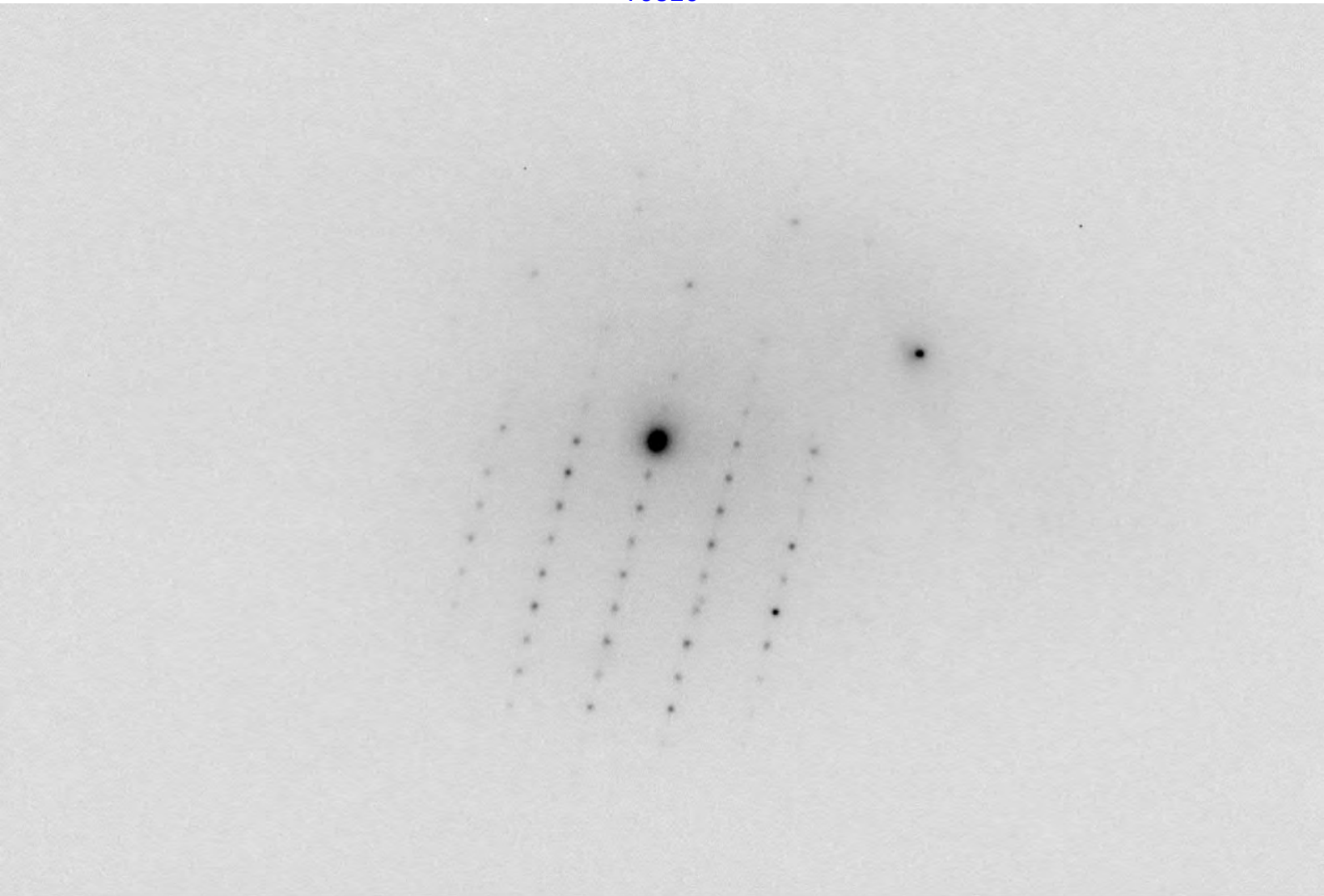
2 4784

M68503-026-025 Tremolite ( 8.6 um x 0.92 um)

10/27/2018







2 4786

M68503-026-026 Tremolite Diffraction @ 50cm

10/27/2018